



Solderless terminals and splices

**Catalogue
2005-2006**

Solderless Terminals

Non insulated solderless terminals and splices

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Non insulated tubular terminals and splices

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Insulated solderless terminlas and splices

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Polyamide insulated tubular terminals and splices








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Solderless Terminals

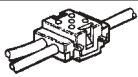
Insulated tabs and receptacles

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FFC 	0,25-6 mm ²	24
FFC-N FMC-N 	0,25-6 mm ²	25
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

Polyamide insulated close-end splices

Series	Wire range	Page
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
Polyamide insulated piercing tap-off connector

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Non insulated end sleeves

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Polyamide insulated end - sleeves

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Solderless Terminals

Non insulated solderless terminals and splices

Description

- Wide range of copper terminals taking wires from 0,5 to 6 mm²
- Brazed seam, long barrel and inner serrations permit wide latitude in crimping
- UL and CSA approved terminals also available on request

Construction

- Electrolytic copper, electro tinned.

Performance

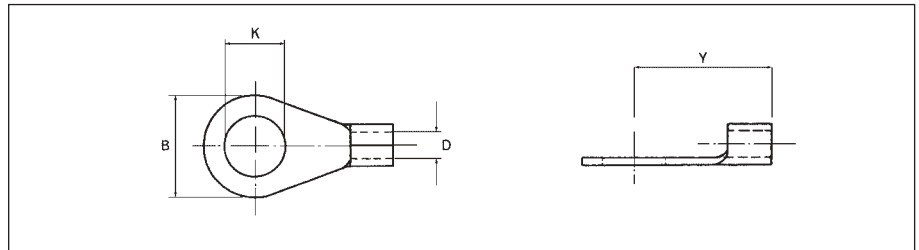
- Heat resistant up to +125°C.


Tooling

- The indicated numbers in the tooling table refer to pages 39 to 43.



BY-M-D per DIN46234

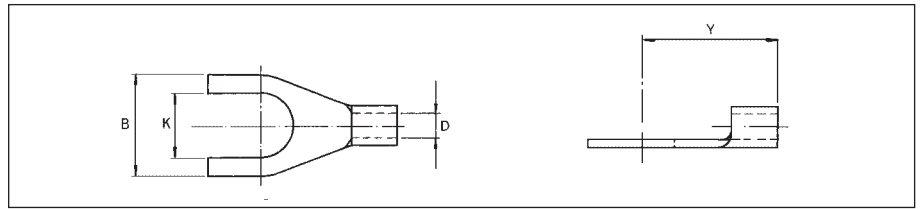



Wire mm ² 	Nominal size	Cat. No.	Dimensions in mm				Stud Size	Pack qty	Tools
			D	Y	B	K			
0,5 - 1,5	2,5- 1	BY1M27D	1,6	10,8	6,0	2,7	2,5	100	5 - 11 - 19
	3 - 1	BY1M32D	1,6	10,8	6,0	3,2	3		
	3,5- 1	BY1M37D	1,6	10,8	6,0	3,7	3,5		
	4 - 1	BY1M43D	1,6	11,8	8,0	4,3	4		
	5 - 1	BY1M53D	1,6	12,8	10,0	5,3	5		
	6 - 1	BY1M65D	1,6	14,8	11,0	6,5	6		
	8 - 1	* BY1M84P	1,6	17,0	12,0	8,4	8		
1,5 - 2,5	3 - 2,5	BY25M32D	2,3	10,8	6,0	3,2	3	100	5 - 11 - 19
	3,5- 2,5	BY25M37D	2,3	10,8	6,0	3,7	3,5		
	4 - 2,5	BY25M43D	2,3	11,8	8,0	4,3	4		
	5 - 2,5	BY25M53D	2,3	13,8	10,0	5,3	5		
	6 - 2,5	BY25M65D	2,3	15,8	11,0	6,5	6		
	8 - 2,5	BY25M84D	2,3	16,8	14,0	8,4	8		
	10 - 2,5	* BY25M105P	2,3	20,0	18,0	10,5	10		
12 - 2,5	* BY25M130P	2,3	20,0	18,0	13,0	12			
4 - 6	4 - 6	BY6M43D	3,6	14,0	8,0	4,3	4	50	5 - 11 - 19
	5 - 6	BY6M53D	3,6	15,0	10,0	5,3	5		
	6 - 6	BY6M65D	3,6	16,0	11,0	6,5	6		
	8 - 6	BY6M84D	3,6	19,0	14,0	8,4	8		
	10 - 6	* BY6M105P	3,6	21,0	18,0	10,5	10		
	12 - 6	* BY6M130P	3,6	21,0	18,0	13,0	12		

* Not included in DIN46234

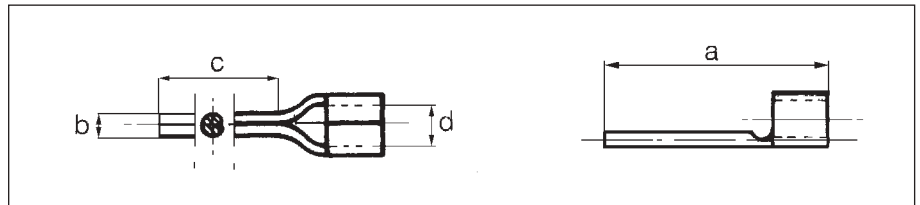
Solderless Terminals

BY-FM-D per DIN46234/C



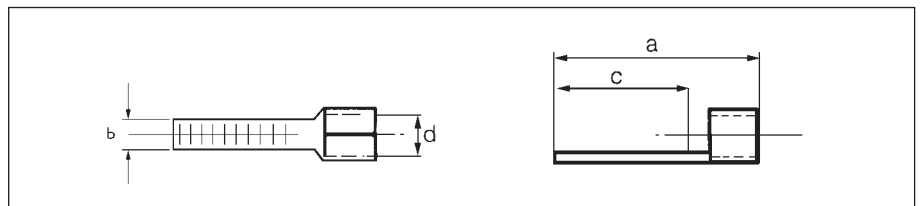
Wire mm ² 	Nominal size	Cat. No.	Dimensions in mm				Stud Size	Pack qty	Tools
			D	Y	B	K			
0,5 - 1,5	2,5- 1	BY1FM27D	1,6	10,8	6,0	2,7	2,5	100	5 - 11 - 19
	3 - 1	BY1FM32D	1,6	10,8	6,0	3,2	3		
	3,5- 1	BY1FM37D	1,6	10,8	6,0	3,7	3,5		
	4 - 1	BY1FM43D	1,6	11,8	8,0	4,3	4		
	5 - 1	BY1FM53D	1,6	12,8	10,0	5,3	5		
1,5 - 2,5	2,5- 2,5	BY25FM32D	2,3	10,8	6,0	3,2	3	100	5 - 11 - 19
	3 - 2,5	BY25FM37D	2,3	10,8	6,0	3,7	3,5		
	3,5- 2,5	BY25FM43D	2,3	11,8	8,0	4,3	4		
	4 - 2,5	BY25FM53D	2,3	13,8	10,0	5,3	5		
	5 - 2,5	BY25FM65D	2,3	15,8	11,0	6,5	6		
4 - 6	6 - 2,5	BY25FM84D	2,3	16,8	14,0	8,4	8	50	5 - 11 - 19
	4 - 6	BY6FM43D	3,6	14,0	8,0	4,3	4		
	5 - 6	BY6FM53D	3,6	15,0	10,0	5,3	5		
	6 - 6	BY6FM65D	3,6	16,0	11,0	6,5	6		
	8 - 6	BY6FM84D	3,6	19,0	14,0	8,4	8		


BY-W-D per DIN46230



Wire mm ²	Nominal size	Cat. No.	Dimensions in mm				Pack qty	Tools
			d	a	b	c (min)		
0,5 - 1,5	1	BY1W13D	1,6	18,3	1,9	10,0	100	5 - 11 - 19
1,5 - 2,5	2,5	BY25W13D	2,3	18,3	1,9	10,0	100	
4 - 6	6	BY6W13D	3,6	19,5	2,7	10,0	50	

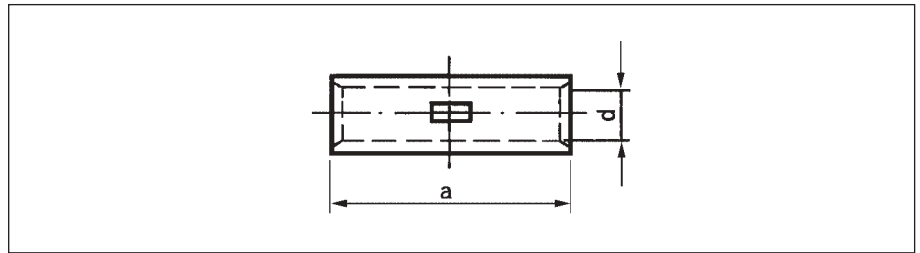
BY-WF-D




Wire mm ² 	Nominal size	Cat. No.	Dimensions in mm				Pack qty	Tools
			d	a	b	c (min)		
0,5 - 1,5	1	BY1WF13P	1,6	18,3	2,8	10,0	100	5 - 11 - 19
1,5 - 2,5	2,5	BY25WF13P	2,3	18,3	2,8	10,0	100	
4 - 6	6	BY6WF13P	3,6	20,6	2,8	10,0	50	

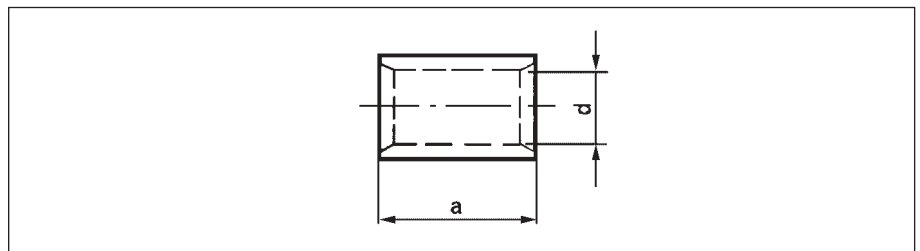
Solderless Terminals


Non-insulated copper brazed
butt splices per DIN46341/T1
Form B



Wire mm ² 	Nominal size	Cat. No.	Dimensions in mm		Pack qty	Tools
			d	a		
0,5 - 1,5	1	BYS1	1,6	15,0	100	5 - 11 - 19
1,5 - 2,5	2,5	BYS025	2,3	15,0	100	
4 - 6	6	BYS6	3,6	15,0	50	

Non-insulated copper brazed
parallel splices per
DIN46341/T1 Form A



Wire mm ² 	Nominal size	Cat. No.	Dimensions in mm		Pack qty	Tools
			d	a		
0,5 - 1,5	1	BYSM1	1,6	7,0	100	5 - 11 - 19
1,5 - 2,5	2,5	BYSM025	2,3	7,0	100	
4 - 6	6	BYSM6	3,6	7,0	50	

Solderless Terminals

Non insulated tubular terminals and splices

Description

- Range of copper tube formed terminals taking wires from 0,3 to 6 mm²

Construction

- Electrolytic copper tube, electro tinned.

Performance

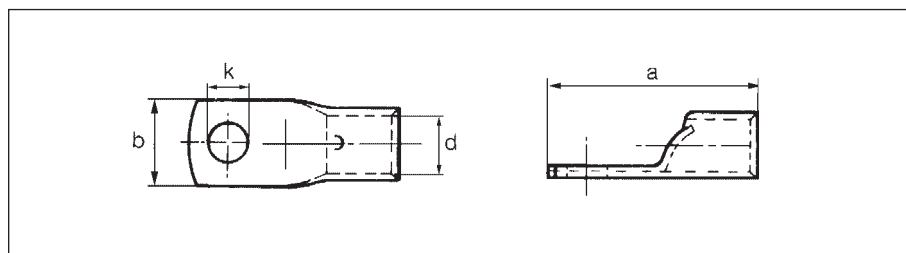
- Heat resistant up to +125°C.


Tooling

- The indicated numbers in the tooling table refer to pages 39 to 43.



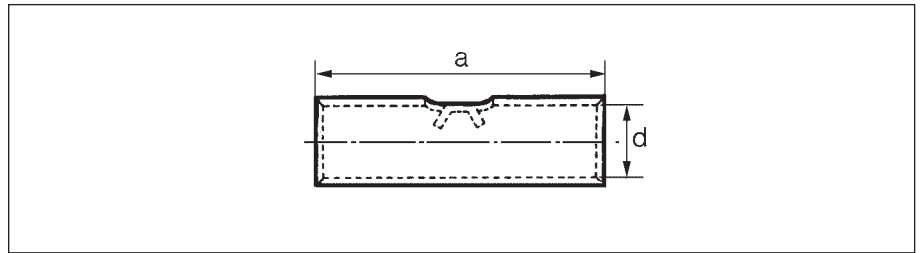
YAV




Wire mm ² 	Nominal size	Cat. No. loose pieces	Dimensions in mm				Stud Size	Pack qty	Tools
			d	a (max.)	b (max.)	k			
0,3 - 1,2	3 - 1	YAV18T4	1,4	15,7	4,8	3,1	3	100	5 - 11 - 19
	3,5- 1	YAV18T5	1,4	19,3	8,0	3,7	3,5		
	4 - 1	YAV18T1	1,4	19,3	8,0	4,3	4		
	5 - 1	YAV18	1,4	19,3	8,0	5,1	5		
1,5 - 2,5	3,5- 2,5	YAV025M35	2,3	18,0	6,4	3,7	3,5	100	
	4 - 2,5	YAV025M4	2,3	20,0	8,0	4,3	4		
	5 - 2,5	YAV025M5	2,3	20,0	8,0	5,3	5		
	6 - 2,5	YAV025M6	2,3	25,0	10,7	6,4	6		
	8 - 2,5	YAV14T3	2,3	25,0	11,2	8,4	8		
2,5 - 4	4 - 4	YAV04M4	2,6	19,9	6,9	4,3	4	100	
	5 - 4	YAV04M5	2,6	20,8	7,6	5,3	5		
	6 - 4	YAV04M6	2,6	25,4	9,1	6,4	6		
4 - 6	3,5- 6	YAV06M35	3,3	23,6	7,6	3,7	3,5	50	
	4 - 6	YAV06M4	3,3	24,6	9,6	4,3	4		
	5 - 6	YAV06M5	3,3	24,6	9,6	5,3	5		
	6 - 6	YAV06M6	3,3	28,0	12,0	6,4	6		
	8 - 6	YAV06M8	3,3	28,7	13,5	8,4	8		
Flexible 6	4 - 6F	YAV06FM4	3,8	22,1	8,0	4,3	4	50	19
	5 - 6F	YAV06FM5	3,8	23,1	9,7	5,3	5		
	6 - 6F	YAV06FM6	3,8	24,6	11,0	6,4	6		
	8 - 6F	YAV06FM8	3,8	28,3	13,0	8,4	8		
	10 - 6F	YAV06FM10	3,8	32,3	14,0	10,5	10		

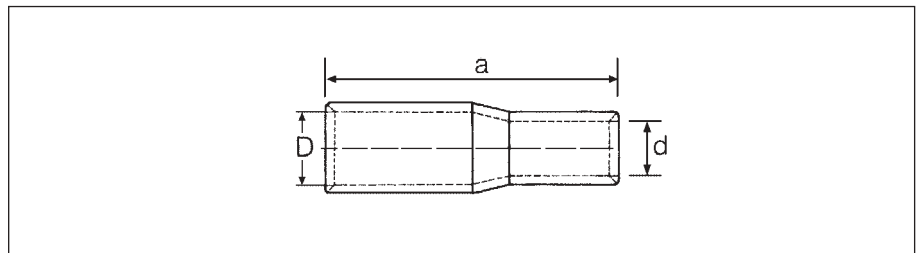
Solderless Terminals


YSV



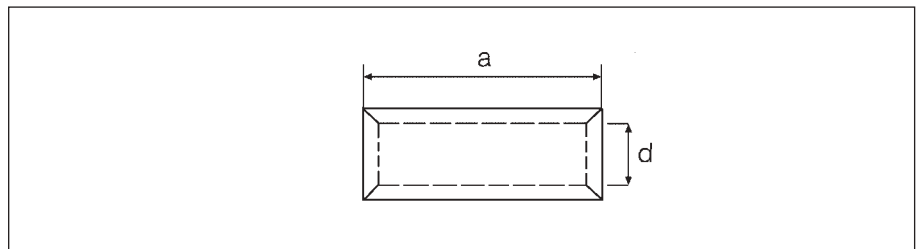
Wire 		Cat. No. loose pieces	Dimensions in mm		Pack qty	Tools
Stranded	Flexible		d	a		
0,3 - 1,2		YSV18	1,4	16,0	100	5 - 11 - 19
1 - 2,5		YSV14	2,3	13,0	100	
4 - 6		YSV10	3,3	19,1	50	
	6	YSV06F	3,8	19,1	50	19


YSV-Reducer



Wire 		Cat. No. loose pieces	Dimensions in mm			Pack qty	Tools
Stranded	Flexible		D	d	a		
1,5 - 2,5	0,3 - 1,2	YSV1418	2,3	1,4	16,3	100	5 - 11 - 19
2,5 - 4	1,5 - 2,5	YSV1214G1	2,6	2,3	21,1	100	
4 - 6	1,5 - 2,5	YSV1014G2	3,3	2,3	21,1	50	

YSM



Wire 		Cat. No. loose pieces	Dimensions in mm		Pack qty	Tools
Stranded	Flexible		d	a		
1,5		YSM18	1,4	6,4	100	5 - 11 - 19
2,5		YSM14	2,3	6,4	100	
6		YSM10	3,3	9,3	50	
	6	YSM06F	3,8	11,2	50	19

Solderless Terminals

Insulated solderless terminals and splices

Description

- Wide range of copper terminals taking wires from 0,5 to 6 mm²
- Long barrel and inner serrations permit wide latitude in crimping.
- Colour coded insulation sleeve with "easy-entry" is fitted over the barrel.
- UL and CSA approved terminals also available on request

Construction

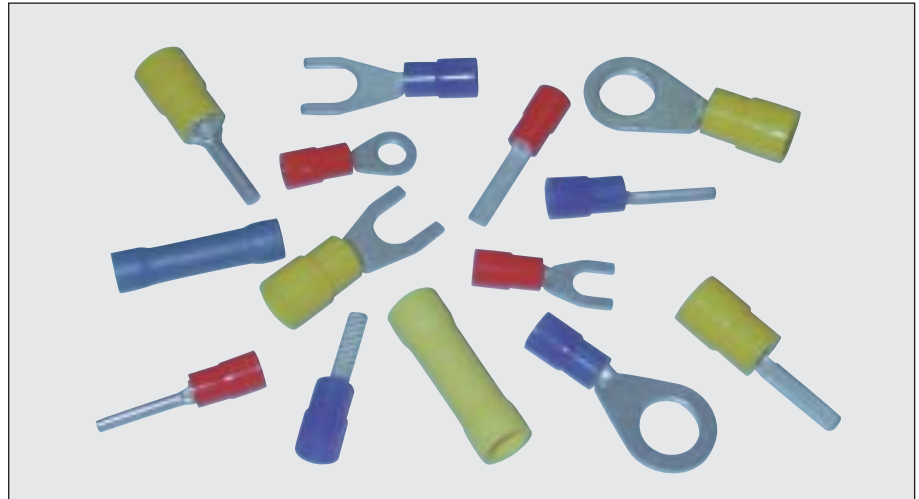
- Electrolytic copper tube, electro tinned.
- High mechanical and dielectric resistant insulation in polycarbonate.

Performance

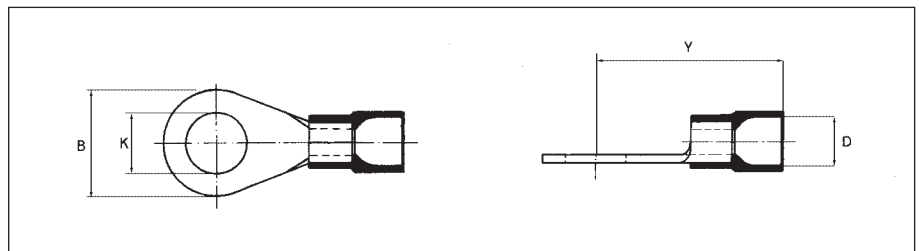
- Heat resistant up to +125°C.


Tooling

- The indicated numbers in the tooling table refer to pages 39 to 43.



BA-M-D per DIN46237

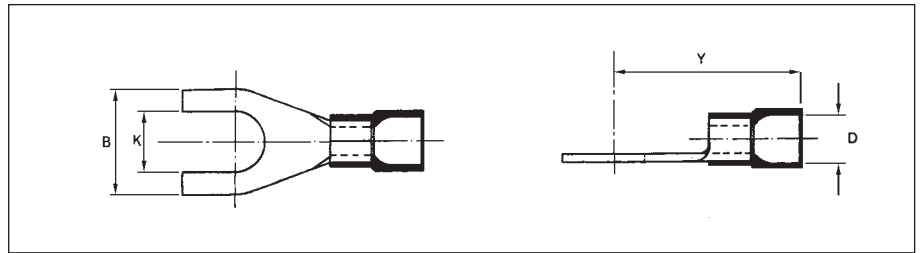



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Stud Size	Pack qty	Tools
				D	Y	B	K			
0,5 - 1,5	2,5 - 1	Red	BA1M27D	4,15	15,8	6,0	2,7	2,5	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	3 - 1		BA1M32D	4,15	15,8	6,0	3,2	3		
	3,5 - 1		BA1M37D	4,15	15,8	6,0	3,7	3,5		
	4 - 1		BA1M43D	4,15	16,8	8,0	4,3	4		
	5 - 1		BA1M53D	4,15	17,8	10,0	5,3	5		
	6 - 1		BA1M65D	4,15	19,8	11,0	6,5	6		
	8 - 1		* BA1M84	4,15	22,0	12,0	8,4	8		
1,5 - 2,5	3 - 2,5	Blue	BA25M32D	4,75	16,8	6,0	3,2	3	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	3,5 - 2,5		BA25M37D	4,75	16,8	6,0	3,7	3,5		
	4 - 2,5		BA25M43D	4,75	17,8	8,0	4,3	4		
	5 - 2,5		BA25M53D	4,75	19,8	10,0	5,3	5		
	6 - 2,5		BA25M65D	4,75	21,8	11,0	6,5	6		
	8 - 2,5		BA25M84D	4,75	22,0	14,0	8,4	8		
	10 - 2,5		* BA25M105	4,75	26,0	18,0	10,5	10		
	12 - 2,5		* BA25M130	4,75	26,0	18,0	13,0	12		
4 - 6	4 - 6	Yellow	BA6M43D	6,75	20,8	8,0	4,3	4	50	4 - 5 - 12 - 13 - 14 - 21 - 22
	5 - 6		BA6M53D	6,75	21,8	10,0	5,3	5		
	6 - 6		BA6M65D	6,75	22,8	11,0	6,5	6		
	8 - 6		BA6M84D	6,75	25,8	14,0	8,4	8		
	10 - 6		BA6M105D	6,75	27,0	18,0	10,5	10		
	12 - 6		* BA6M130	6,75	27,0	18,0	13,0	12		

* Not included in DIN46237

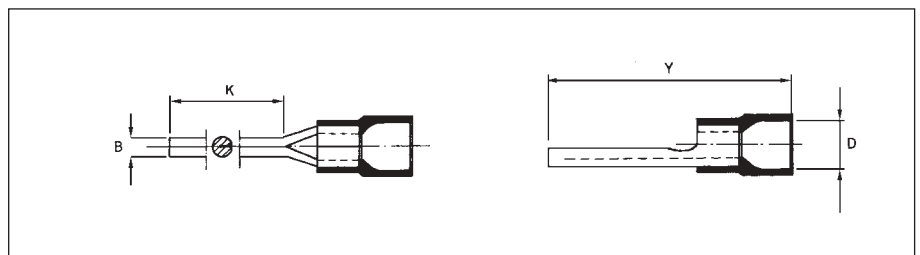
Solderless Terminals


BA-FM-D per DIN46237/C



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Stud Size	Pack qty	Tools
				D	Y	B	K			
0,5 - 1,5	2,5 - 1	Red	BA1FM27D	4,15	15,8	6,0	2,7	2,5	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	3 - 1		BA1FM32D	4,15	15,8	6,0	3,2	3		
	3,5 - 1		BA1FM37D	4,15	15,8	6,0	3,7	3,5		
	4 - 1		BA1FM43D	4,15	16,8	8,0	4,3	4		
	5 - 1		BA1FM53D	4,15	17,8	10,0	5,3	5		
	6 - 1		BA1FM65D	4,15	19,8	11,0	6,5	6		
1,5 - 2,5	3 - 2,5	Blue	BA25FM32D	4,75	16,8	6,0	3,2	3	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	3,5 - 2,5		BA25FM37D	4,75	16,8	6,0	3,7	3,5		
	4 - 2,5		BA25FM43D	4,75	17,8	8,0	4,3	4		
	5 - 2,5		BA25FM53D	4,75	19,8	10,0	5,3	5		
	6 - 2,5		BA25FM65D	4,75	21,8	11,0	6,5	6		
	8 - 2,5		BA25FM84D	4,75	22,8	14,0	8,4	8		
4 - 6	4 - 6	Yellow	BA6FM43D	6,75	20,8	8,0	4,3	4	50	4 - 5 - 12 - 13 - 14 - 21 - 22
	5 - 6		BA6FM53D	6,75	21,8	10,0	5,3	5		
	6 - 6		BA6FM65D	6,75	22,8	11,0	6,5	6		
	8 - 6		BA6FM84D	6,75	25,8	14,0	8,4	8		

BA-W-D per DIN46231

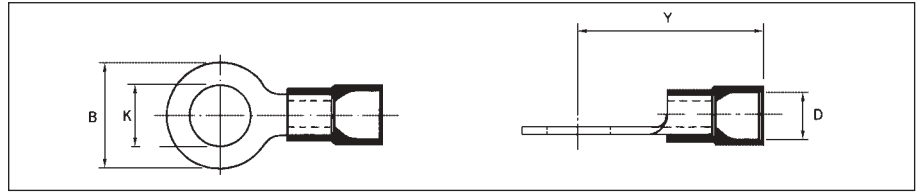



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Pack qty	Tools
				D	Y	B	K		
0,5 - 1,5	1	Red	* BA1W10	4,15	20,7	1,9	7,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
			BA1W13D	4,15	23,8	1,9	10,0		
			* BA1W17	4,15	27,7	1,9	14,0		
1,5 - 2,5	2,5	Blue	* BA25W10	4,75	21,7	1,9	7,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
			BA25W13D	4,75	24,8	1,9	10,0		
			* BA25W17	4,75	28,7	1,9	14,0		
4 - 6	6	Yellow	* BA6W10	6,75	23,7	2,7	7,0	50	4 - 5 - 12 - 13 - 14 - 21 - 22
			BA6W13D	6,75	26,8	2,7	10,0		
			* BA6W17	6,75	30,7	2,7	14,0		

* Not included in DIN46231

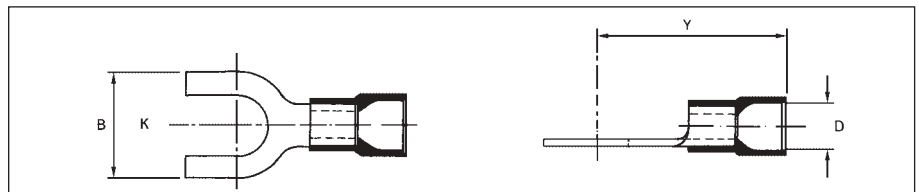
Solderless Terminals


BE-M



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Stud Size	Pack qty	Tools
				D	Y	B	K			
0,5 - 1,5	3 - 1	Red	BE1M32	4,15	15,0	6,4	3,2	3	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	3,5 - 1		BE1M37	4,15	15,0	6,4	3,7	3,5		
	4 - 1		BE1M43GE1	4,15	15,0	6,4	4,3	4		
	4 - 1		BE1M43	4,15	17,0	8,0	4,3	4		
	5 - 1		BE1M53	4,15	17,0	8,0	5,3	5		
	6 - 1		BE1M65	4,15	19,8	11,0	6,5	6		
	8 - 1		BE1M84	4,15	20,5	11,6	8,4	8		
10 - 1	BE1M105	4,15	23,9	13,6	10,5	10				
1,5 - 2,5	3 - 2,5	Blue	BE25M32	4,75	16,0	6,4	3,2	3	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	3,5 - 2,5		BE25M37	4,75	16,0	6,4	3,7	3,5		
	4 - 2,5		BE25M43GE1	4,75	16,0	6,4	4,3	4		
	4 - 2,5		BE25M43	4,75	18,0	8,0	4,3	4		
	5 - 2,5		BE25M53	4,75	18,0	8,0	5,3	5		
	6 - 2,5		BE25M65	4,75	20,5	10,0	6,5	6		
	8 - 2,5		BE25M84	4,75	22,8	14,0	8,4	8		
10 - 2,5	BE25M105	4,75	23,9	13,6	10,5	10				
4 - 6	3,5 - 6	Yellow	BE6M37	6,75	20,0	9,0	3,7	3,5	50	4 - 5 - 12 - 13 - 14 - 21 - 22
	4 - 6		BE6M43	6,75	20,0	9,0	4,3	4		
	5 - 6		BE6M53	6,75	20,0	9,0	5,3	5		
	6 - 6		BE6M65	6,75	23,5	13,5	6,5	6		
	8 - 6		BE6M84	6,75	23,5	13,5	8,4	8		
	10 - 6		BE6M105	6,75	23,5	13,5	10,5	10		
	12 - 6		BE6M132	6,75	29,0	19,2	13,2	12		

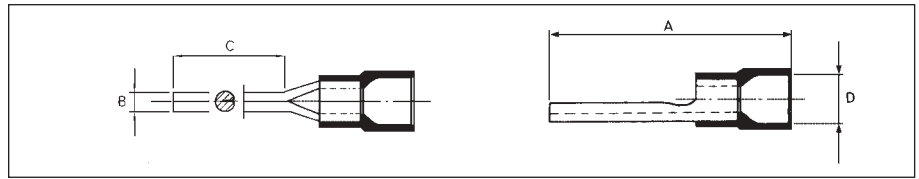
BE-FM




Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Stud Size	Pack qty	Tools
				D	Y	B	K			
0,5 - 1,5	3 - 1	Red	BE1FM32GE1	4,15	15,0	6,0	3,2	3	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	3 - 1		BE1FM32GE2	4,15	16,5	5,6	3,2	3		
	3 - 1		BE1FM32	4,15	15,0	6,4	3,2	3		
	3,5 - 1		BE1FM37GE2	4,15	16,5	6,2	3,7	3,5		
	3,5 - 1		BE1FM37	4,15	15,0	6,4	3,7	3,5		
	4 - 1		BE1FM43GE1	4,15	15,0	6,4	4,3	4		
	4 - 1		BE1FM43GE2	4,15	16,5	7,1	4,3	4		
	4 - 1		BE1FM43	4,15	17,0	8,0	4,3	4		
	5 - 1		BE1FM53	4,15	17,0	8,0	5,3	5		
	6 - 1		BE1FM65	4,15	20,0	11,0	6,5	6		
1,5 - 2,5	3 - 2,5	Blue	BE25FM32GE1	4,75	16,0	5,9	3,2	3	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	3 - 2,5		BE25FM32GE2	4,75	17,5	5,6	3,2	3		
	3 - 2,5		BE25FM32	4,75	16,0	6,4	3,2	3		
	3,5 - 2,5		BE25FM37GE2	4,75	17,5	6,4	3,7	3,5		
	3,5 - 2,5		BE25FM37	4,75	16,0	6,4	3,7	3,5		
	4 - 2,5		BE25FM43GE1	4,75	16,0	6,4	4,3	4		
	4 - 2,5		BE25FM43	4,75	18,0	8,0	4,3	4		
	5 - 2,5		BE25FM53	4,75	18,0	8,0	5,3	5		
	6 - 2,5		BE25FM65	4,75	20,5	10,0	6,5	6		
	8 - 2,5		BE25FM84	4,75	23,0	14,0	8,4	8		
4 - 6	3,5 - 6	Yellow	BE6FM37	6,75	20,0	7,5	3,7	3,5	50	4 - 5 - 12 - 13 - 14 - 21 - 22
	4 - 6		BE6FM43	6,75	20,0	9,0	4,3	4		
	5 - 6		BE6FM53	6,75	20,0	9,0	5,3	5		
	6 - 6		BE6FM65	6,75	23,5	13,5	6,5	6		
	8 - 6		BE6FM84	6,75	23,5	15,0	8,4	8		

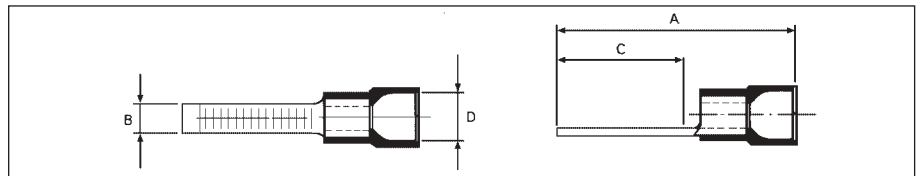
Solderless Terminals


BE-W



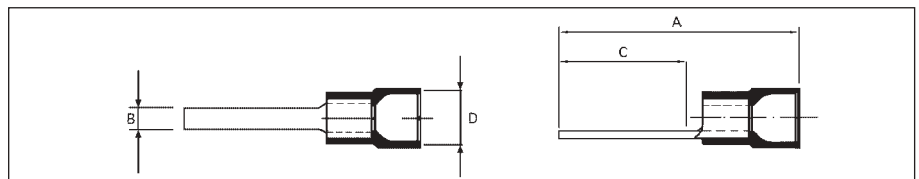
Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Pack qty	Tools
				D	A	B	C (min.)		
0,5 - 1,5	1	Red	BE1W10	4,15	20,7	1,9	7,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
			BE1W13	4,15	23,5	1,9	10,0		
			BE1W17	4,15	27,7	1,9	14,0		
1,5 - 2,5	2,5	Blue	BE25W10	4,75	21,7	1,9	7,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
			BE25W13	4,75	24,5	1,9	10,0		
			BE25W17	4,75	28,7	1,9	14,0		
4 - 6	6	Yellow	BE6W10	6,75	23,7	2,7	7,0	50	4 - 5 - 12 - 13 - 14 - 21 - 22
			BE6W13	6,75	26,5	2,7	10,0		
			BE6W17	6,75	30,7	2,7	14,0		


BE-WF



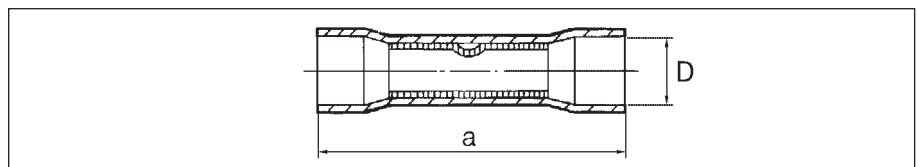
Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Pack qty	Tools
				D	A	B	C		
0,5 - 1,5	1	Red	BE1WF13	4,15	23,5	2,8	13,5	100	4 - 5 - 12 - 13 - 14 - 21 - 22
			BE1WF17	4,15	27,7	2,8	17,7		
1,5 - 2,5	2,5	Blue	BE25WF13	4,75	24,5	2,8	13,5	100	4 - 5 - 12 - 13 - 14 - 21 - 22
			BE25WF17	4,75	28,7	2,8	17,7		
4 - 6	6	Yellow	BE6WF13	6,75	26,5	2,8	13,5	50	4 - 5 - 12 - 13 - 14 - 21 - 22
			BE6WF17	6,75	30,7	2,8	17,7		


BE-WF (GE2)



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Pack qty	Tools
				D	A	B	C		
0,5 - 1,5	1	Red	BE1WF10GE2	4,15	20,7	2,3	10,7	100	4 - 5 - 12 - 13 - 14 - 21 - 22
			BE1WF17GE2	4,15	27,7	2,3	17,7		
1,5 - 2,5	2,5	Blue	BE25WF10GE2	4,75	21,7	2,2	10,7	100	4 - 5 - 12 - 13 - 14 - 21 - 22
			BE25WF17GE2	4,75	28,7	2,2	17,7		

BSV PVC insulation



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm		Pack qty	Tools
				D	a		
0,5 - 1,5	1	Red	BSV1	4,1	26	100	4 - 5 - 12 - 13 - 14 - 21 - 22
1,5 - 2,5	2,5	Blue	BSV25	4,5	26	100	4 - 5 - 12 - 13 - 14 - 21 - 22
4 - 6	6	Yellow	BSV6	6,5	26	50	4 - 5 - 12 - 13 - 14 - 21 - 22

Solderless Terminals

Insulated terminals with copper wire support sleeve

Description

- Wide range of copper terminals taking wires from 0,2 to 6 mm²
- Brazed seam, long barrel and inner serrations permit wide latitude in crimping.
- A copper reinforcement sleeve and colour coded insulation sleeve are fitted over the barrel.

Construction

- Electrolytic copper tube, electro tinned.
- High mechanical and dielectric resistant insulation in PVC.

Performance

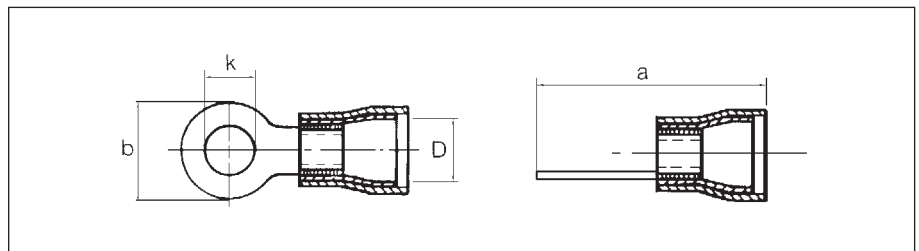
- Heat resistant up to +75°C.


Tooling

- The indicated numbers in the tooling table refer to pages 39 to 43.



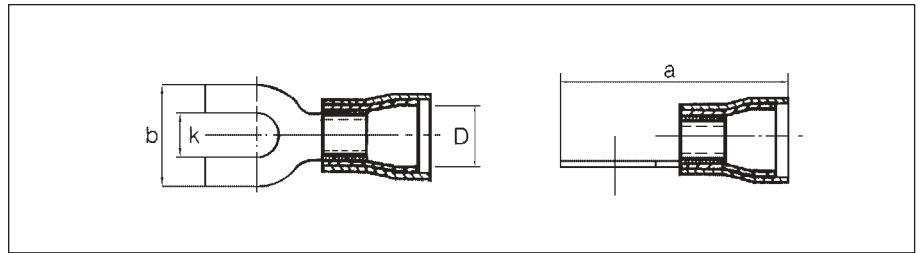
BAP-M




Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Stud Size	Pack qty	Tools
				D	Y	B	K			
0,2 - 0,5	2 - 0,5	Yellow	BAP05M22	2,5	16,4	5,2	2,2	2	100	Y1R3BA9
	3 - 0,5		BAP05M32	2,5	16,4	5,2	3,2	3		
	4 - 0,5		BAP05M43	2,5	19,0	6,6	4,3	4		
	5 - 0,5		BAP05M53	2,5	19,0	8,0	5,3	5		
0,5 - 1,5	3 - 1	Red	BAP1M32	4,0	16,3	5,5	3,2	3	100	4 - 5 - 12 - 13 14 - 21 - 22
	3,5 - 1		BAP1M37	4,0	16,3	5,5	3,7	3,5		
	4 - 1		BAP1M43	4,0	19,2	6,6	4,3	4		
	5 - 1		BAP1M53	4,0	20,6	8,0	5,3	5		
	6 - 1		BAP1M64	4,0	26,5	11,6	6,5	6		
	8 - 1		BAP1M84	4,0	26,5	11,6	8,4	8		
1,5 - 2,5	3 - 2,5	Blue	BAP25M32	4,7	17,1	6,4	3,2	3	100	4 - 5 - 12 - 13 14 - 21 - 22
	3,5 - 2,5		BAP25M37	4,7	17,1	6,4	3,7	3,5		
	4 - 2,5		BAP25M43	4,7	19,2	6,6	4,3	4		
	5 - 2,5		BAP25M53	4,7	21,6	8,5	5,3	5		
	6 - 2,5		BAP25M64	4,7	26,6	12,0	6,5	6		
	8 - 2,5		BAP25M84	4,7	26,6	12,0	8,4	8		
	10 - 2,5		BAP25M105	4,7	30,3	13,6	10,5	10		
4 - 6	3,5 - 6	Yellow	BAP6M37	6,5	23,5	7,2	3,7	3,5	50	4 - 5 - 12 - 13 14 - 21 - 22
	4 - 6		BAP6M43	6,5	23,5	7,2	4,3	4		
	5 - 6		BAP6M53	6,5	27,0	9,5	5,3	5		
	6 - 6		BAP6M64	6,5	33,0	12,0	6,5	6		
	8 - 6		BAP6M84	6,5	29,6	13,2	8,4	8		
	10 - 6		BAP6M105	6,5	35,2	15,0	10,5	10		
	12 - 6		BAP6M130	6,5	39,6	19,2	13,0	12		

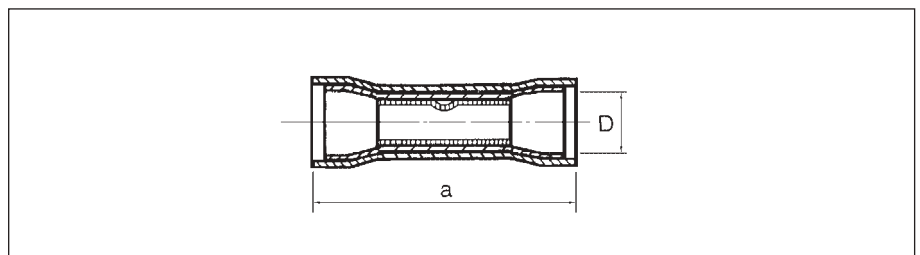
Solderless Terminals


BAP-FM



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Stud Size	Pack qty	Tools
				D	a	b	k			
0,5 - 1,5	3,5 - 1	Red	BAP1FM37	4,0	20,2	6,4	3,7	3,5	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	4 - 1		BAP1FM43	4,0	20,2	6,4	4,3	4		
	5 - 1		BAP1FM53	4,0	20,6	9,5	5,3	5		
	6 - 1		BAP1FM64	4,0	26,8	12,0	6,4	6		
1,5 - 2,5	3,5 - 2,5	Blue	BAP25FM37	4,7	20,2	6,4	3,7	3,5	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	4 - 2,5		BAP25FM43	4,7	20,2	6,4	4,3	4		
	5 - 2,5		BAP25FM53	4,7	21,6	9,5	5,3	5		
	6 - 2,5		BAP25FM64	4,7	26,8	12,0	6,4	6		
4 - 6	3,5 - 6	Yellow	BAP6FM37	6,5	26,7	7,2	3,7	3,5	50	4 - 5 - 12 - 13 - 14 - 21 - 22
	4 - 6		BAP6FM43	6,5	26,7	8,5	4,3	5		
	5 - 6		BAP6FM53	6,5	26,7	9,5	5,3	6		
	6 - 6		BAP6FM64	6,5	32,7	13,5	6,4	8		

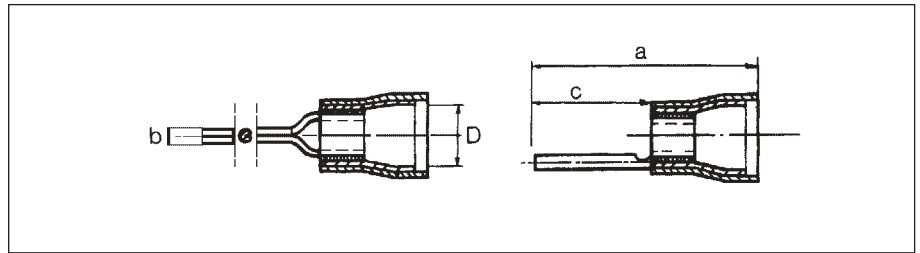
BSVP-N Polyamide insulation




Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm		Pack qty	Tools
				D	a		
0,5 - 1,5	1	Red	BSVP1N	4,0	31	100	4 - 5 - 12 - 13 - 14 - 21 - 22
1,5 - 2,5	2,5	Blue	BSVP25N	4,7	31	100	4 - 5 - 12 - 13 - 14 - 21 - 22
4 - 6	6	Yellow	BSVP6N	6,5	36	50	4 - 5 - 12 - 13 - 14 - 21 - 22

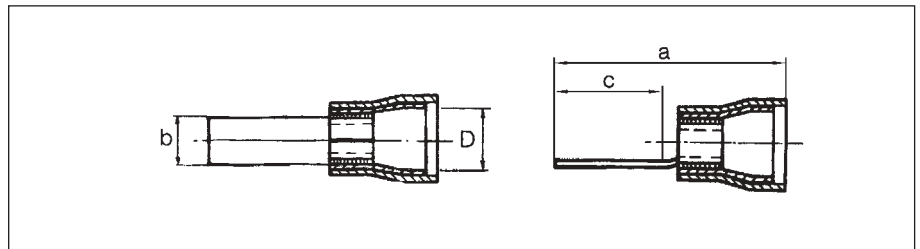
Solderless Terminals


BAP-W



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Pack qty	Tools
				D	a	b	c (min)		
0,2 - 0,5	0,5	Yellow	BAP05W10	2,5	18,0	1,2	7,0	100	Y1R3BA9
0,5 - 1,5	1	Red	BAP1W10	4,0	19,6	1,9	7,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	1		BAP1W12	4,0	21,6	1,9	9,0		
1,5 - 2,5	2,5	Blue	BAP25W7	4,7	16,6	1,9	5,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	2,5		BAP25W9	4,7	18,6	1,9	7,0		
	2,5		BAP25W12	4,7	21,6	1,9	9,0		
4 - 6	6	Yellow	BAP6W14	6,5	28,0	3,6	11,0	50	4 - 5 - 12 - 13 - 14 - 21 - 22

BAP-WF



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Pack qty	Tools
				D	a	b	c (min)		
0,5 - 1,5	1	Red	BAP1WF9	4,0	18,6	2,8	9,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
1,5 - 2,5	2,5	Blue	BAP25WF9	4,7	18,6	2,8	9,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
4 - 6	6	Yellow	BAP6WF10	6,5	24,6	2,8	10,0	50	4 - 5 - 12 - 13 - 14 - 21 - 22

Solderless Terminals

Polyamide insulated terminals with insulation support

Description

- Wide range of copper terminals taking wires from 0,2 to 6 mm²
- Brazed seam, long barrel and inner serrations permit wide latitude in crimping.
- Colour coded insulation sleeve is fitted over the barrel.
- UL and MIL-T-7928 (ASG) approved terminals also available on request.

Construction

- Electrolytic copper, electro tinned.
- Polyamide insulation

Performance

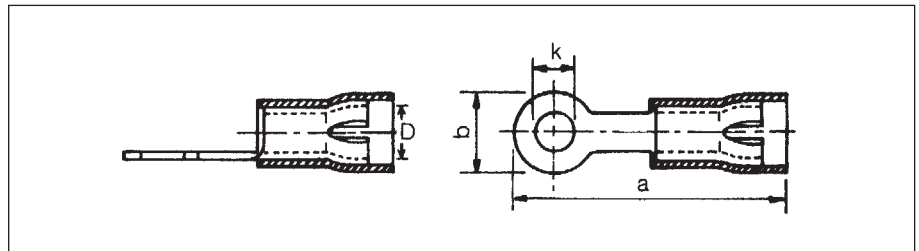
- Heat resistant up to +105°C.


Tooling

- The indicated numbers in the tooling table refer to pages 39 to 43.



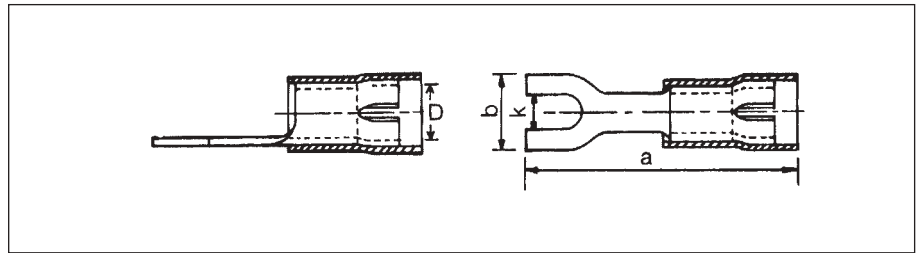
YAE-M



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Stud Size	Pack qty	Tools
				D	a (max.)	b (max.)	k			
0,2 - 0,5	3 - 0,5	Amber	YAE22G16	2,5	19,0	4,3	3,1	3	100	Consult
	3,5 - 0,5		YAE22G13	2,5	19,0	6,7	3,7	3,5		
	4 - 0,5		YAE22G14	2,5	21,0	8,3	4,3	4		
	5 - 0,5		YAE22G15	2,5	21,0	8,3	5,2	5		
0,5 - 1,5	3 - 1	Red	YAE18M32	3,2	20,5	5,7	3,2	3	100	20
	3,5 - 1		YAE18M37	3,2	20,5	6,5	3,7	3,5		
	4 - 1		YAE18M43	3,2	23,4	8,1	4,3	4		
	5 - 1		YAE18M53	3,2	23,4	8,1	5,3	5		
	6 - 1		YAE18M65	3,2	27,9	11,6	6,5	6		
1,5 - 2,5	8 - 1	Blue	YAE18M84	3,2	27,9	11,6	8,4	8	100	20
	3,5 - 2,5		YAE14M37	3,9	20,8	6,5	3,7	3,5		
	4 - 2,5		YAE14M43	3,9	23,3	8,1	4,3	4		
	5 - 2,5		YAE14M53	3,9	23,3	8,1	5,3	5		
	6 - 2,5		YAE14M65	3,9	28,1	11,6	6,5	6		
	8 - 2,5		YAE14M84	3,9	28,1	11,6	8,4	8		
4 - 6	10 - 2,5	Yellow	YAE14M105	3,9	30,2	13,5	10,5	10	50	20
	3,5 - 6		YAE10M37	5,7	29,1	9,6	3,7	3,5		
	4 - 6		YAE10M43	5,7	29,6	9,6	4,3	4		
	5 - 6		YAE10M53	5,7	29,1	9,6	5,3	5		
	6 - 6		YAE10M65	5,7	35,2	13,8	6,5	6		
	8 - 6		YAE10M84	5,7	35,2	13,8	8,4	8		
10 - 6	YAE10M105	5,7	35,2	13,8	10,5	10				

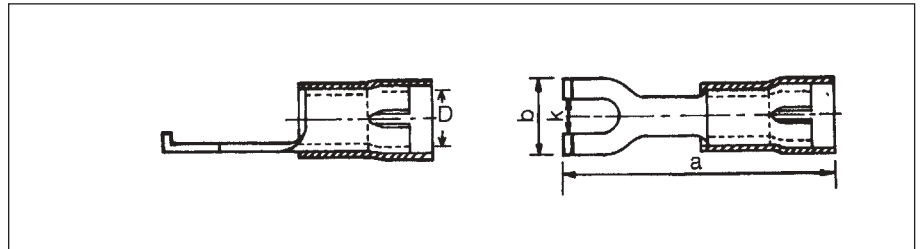
Solderless Terminals

YAE-F



Wire mm ² ■	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Stud Size	Pack qty	Tools
				D	a (max.)	b (max.)	k			
0,2 - 0,5	3,5- 0,5	Amber	YAE22N66F	2,5	20,8	7,5	3,7	3,5	100	Consult
0,5 - 1,5	3 - 1	Red	YAE18F32	3,2	19,6	6,8	3,2	3	100	20
	3,5- 1		YAE18F37	3,2	19,6	6,8	3,7	3,5		
	4 - 1		YAE18F43	3,2	24,0	8,2	4,3	4		
1,5 - 2,5	3,5- 2,5	Blue	YAE14F37	3,9	22,1	7,1	3,7	3,5	100	20
	4 - 2,5		YAE14F43	3,9	24,4	7,9	4,3	4		
	5 - 2,5		YAE14F53	3,9	25,7	9,2	5,3	5		

YAE-Z



Wire mm ² ■	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Stud Size	Pack qty	Tools
				D	a (max.)	b (max.)	k			
0,2 - 0,5	3,5- 0,5	Amber	YAE22Z2	2,5	20,6	7,2	3,7	3,5	100	Consult
0,5 - 1,5	3 - 1	Red	YAE18Z32	3,2	22,5	6,4	3,2	3	100	20
	3,5- 1		YAE18Z37	3,2	22,4	7,1	3,7	3,5		
	4 - 1		YAE18Z43	3,2	24,7	7,9	4,3	4		
	5 - 1		YAE18Z53	3,2	26,9	9,1	5,3	5		
1,5 - 2,5	3,5- 2,5	Blue	YAE14Z37	3,9	22,1	6,4	3,7	3,5	100	20
	4 - 2,5		YAE14Z43	3,9	24,4	8,0	4,3	4		
	5 - 2,5		YAE14Z53	3,9	25,7	8,0	5,3	5		

Solderless Terminals

Polyamide insulated tubular terminals and splices

Description

- Range of copper tube formed terminals taking wires from 0,3 to 6 mm²

Construction

- Electrolytic copper tube, electro tinned.
- Polyamide insulation

Performance

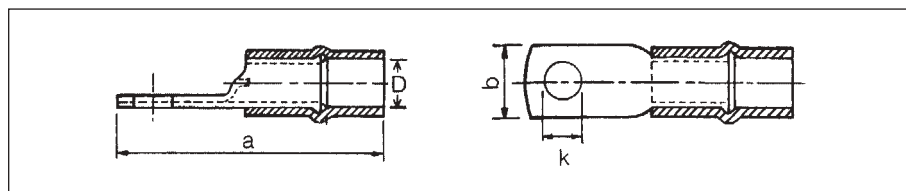
- Heat resistant up to +105°C.


Tooling

- The indicated numbers in the tooling table refer to pages 39 to 43.

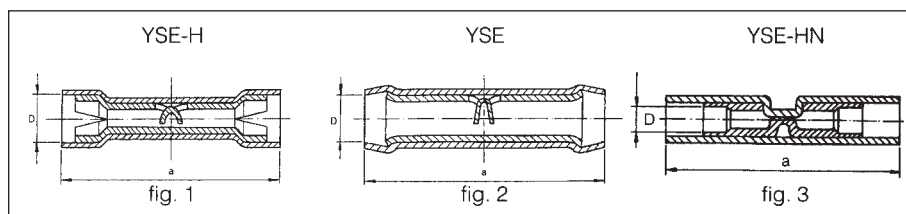



YAEV



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm				Stud Size	Pack qty	Tools
				D	a	b	k			
0,3 - 1,5	5 - 1	Red	YAEV18	3,2	23,4	8,0	5,1	5	100	20
1,5 - 2,5	3,5 - 2,5	Blue	YAEV025M35	4,0	22,7	6,4	3,7	3,5	100	20
	4 - 2,5		YAEV025M4	4,0	24,7	8,0	4,3	4		
	5 - 2,5		YAEV025M5	4,0	24,7	8,0	5,3	5		
	6 - 2,5		YAEV025M6	4,0	27,7	10,7	6,4	6		
	8 - 2,5		YAEV14T3	4,0	29,0	11,2	8,4	8		
4 - 6	3,5 - 6	Yellow	YAEV06M35	6,0	28,3	7,6	3,7	3,5	50	20
	4 - 6		YAEV06M4	6,0	30,8	9,6	4,3	4		
	5 - 6		YAEV06M5	6,0	32,3	9,6	5,3	5		
	6 - 6		YAEV06M6	6,0	33,8	12,0	6,4	6		
	8 - 6		YAEV06M8	6,0	38,3	13,5	8,4	8		
	10 - 6		YAEV10T4	6,0	33,5	14,0	10,1	10		

YSE



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Fig. No.	Dimensions in mm		Pack qty	Tools
					D	a		
0,5 - 1,5	1	Red	YSE18H	1	2,9	30,5	100	20
	1		YSE18HN	3	2,9	31,7		
1,5 - 2,5	2,5	Blue	YSE14H	1	3,8	34,5	100	20
	2,5		YSE14HN	3	3,8	31,7		
2,6 - 6	6	Yellow	YSE10	2	5,3	28,0	50	20
	6		YSE10HN	3	5,6	41,6		

Solderless Terminals

With heat shrinking tube insulation

Construction

- Electrolytic copper, electro tinned.
- Polyolefin insulation coated with hot-melt glue to ensure a waterproof connection.
- Shrink ratio 3:1
- Halogen, lead and cadmium free.

Performance

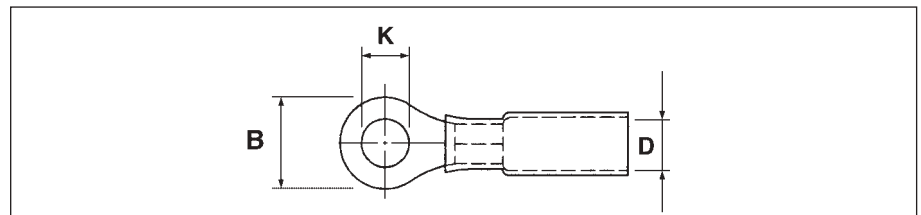
- Operating temperature: -55°C to +95°C.


Tooling

- The indicated numbers in the tooling table refer to pages 39 to 43.

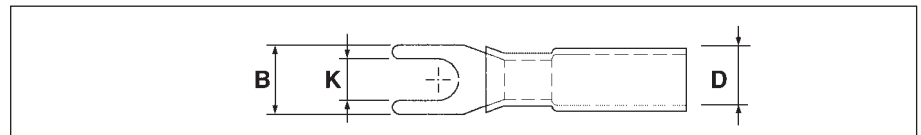



RING-TERMINALS



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm			Stud Size	Pack qty	Tools
				D	B	K			
0,5 - 1,5	4 - 1	Red	BE1M43FP	4,8	8,0	4,3	3	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	5 - 1		BE1M53FP	4,8	8,0	5,3	4		
	6 - 1		BE1M65FP	4,8	11,4	6,4	5		
	8 - 1		BE1M84FP	4,8	11,4	8,4	6		
	10 - 1		BE1M105FP	4,8	13,8	10,5	8		
1,5 - 2,5	4 - 2,5	Blue	BE25M43FP	6,4	8,4	4,3	4	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	5 - 2,5		BE25M54FP	6,4	8,4	5,3	5		
	6 - 2,5		BE25M65FP	6,4	11,8	6,4	6		
	8 - 2,5		BE25M84FP	6,4	11,8	8,4	8		
	10 - 2,5		BE25M105FP	6,4	13,7	10,5	10		
4 - 6	4 - 6	Yellow	BE6M43FP	7,0	9,4	4,3	4	50	4 - 5 - 12 - 13 - 14 - 21 - 22
	5 - 6		BE6M53FP	7,0	9,4	5,3	5		
	6 - 6		BE6M65FP	7,0	11,2	6,4	6		
	8 - 6		BE6M84FP	7,0	14,9	8,4	8		
	10 - 6		BE6M105FP	7,0	14,9	10,5	10		

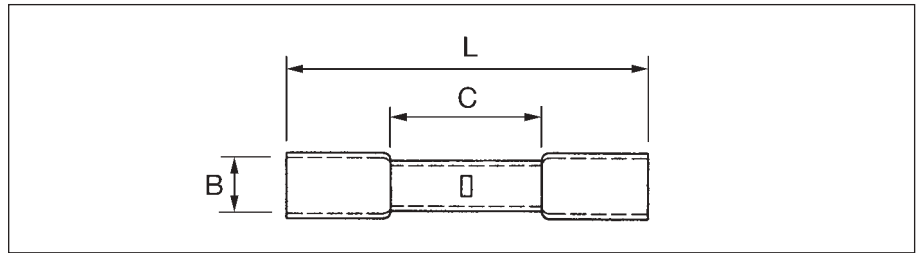
FORK-TERMINALS




Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm			Stud Size	Pack qty	Tools
				D	B	K			
0,5 - 1,5	4 - 1	Red	BE1FM43FP	4,8	6,4	4,3	4	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	5 - 1		BE1FM53FP	4,8	9,5	5,3	5		
1,5 - 2,5	4 - 2,5	Blue	BE25FM43FP	6,4	6,4	4,3	4	100	4 - 5 - 12 - 13 - 14 - 21 - 22
	5 - 2,5		BE25FM54FP	6,4	9,5	5,3	5		
4 - 6	4 - 6	Yellow	BE6FM43FP	7,0	9,5	4,3	4	50	4 - 5 - 12 - 13 - 14 - 21 - 22
	5 - 6		BE6FM53FP	7,0	9,5	5,3	5		

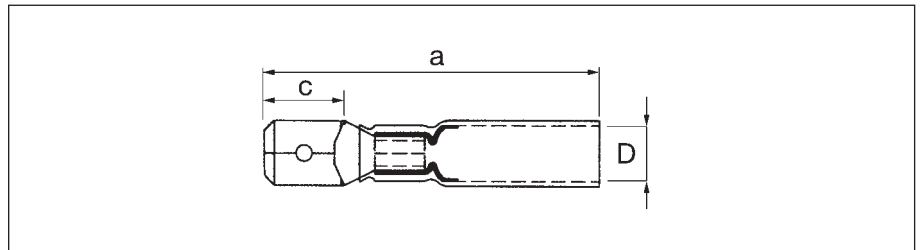
Solderless Terminals


BUTT-CONNECTOR



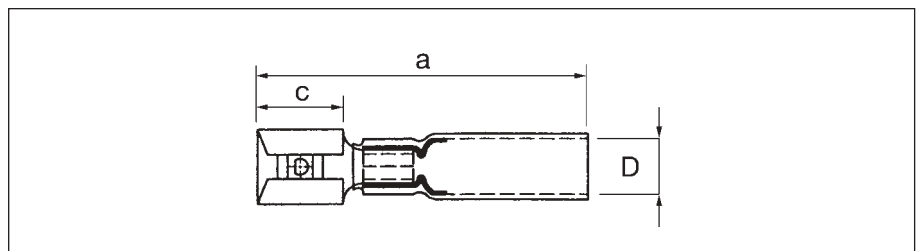
Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions			Pack qty	Tools
				øB	C	L		
0,5 - 1,5	1	Red	BSV1FP	4,8	15	37	100	4 - 5 - 12 - 13 - 14 - 21 - 22
1,5 - 2,5	2,5	Blue	BSV25FP	6,4	15	37	100	4 - 5 - 12 - 13 - 14 - 21 - 22
4 - 6	6	Yellow	BSV6FP	7,0	19	40	50	4 - 5 - 12 - 13 - 14 - 21 - 22


TABS



For tab		Wire mm ² 	Colour	Cat. No. loose pieces	Dimensions			Pack qty	Tools
Width	Thickness				D	a	c		
6,35	0,8	0,5 - 1,5	Red	FMYG1FP	4,8	30	8,3	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8	1,5 - 2,5	Blue	FMYG25FP	6,4	30	8,3	100	4 - 5 - 12 - 13 - 14 - 21 - 22

RECEPTACLES



For tab		Wire mm ² 	Colour	Cat. No. loose pieces	Dimensions			Pack qty	Tools
Width	Thickness				D	a	c		
6,35	0,8	0,5 - 1,5	Red	FFC1FP	4,8	28	8,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8	1,5 - 2,5	Blue	FFC25FP	6,4	28	8,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22

Solderless Terminals

Insulated tabs and receptacles

Description

- Wide range of receptacles and tabs taking wires from 0,25 to 6 mm².
- All types have copper reinforcement sleeve.
- UL recognised receptacles also available on request.

Construction

- Copper-alloy, electro tinned.
- High mechanical and dielectric resistant insulation in PVC.

Performance

- Heat resistant up to +75°C.

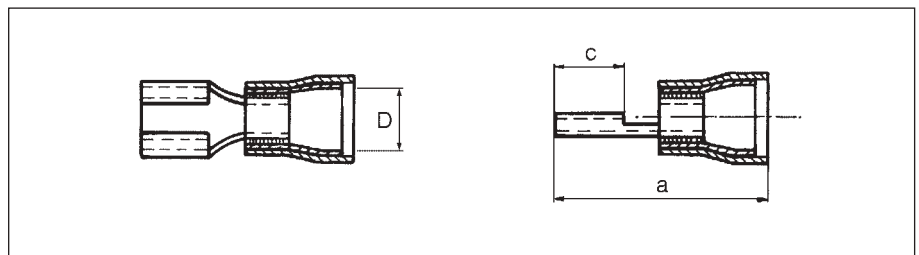
Tooling

- The indicated numbers in the tooling table refer to pages 39 to 43.



FFY

Material: Brass

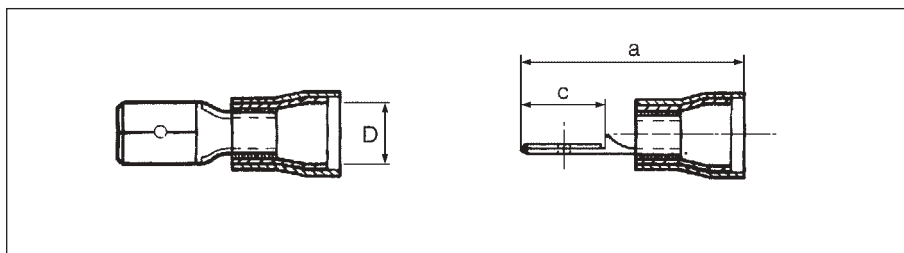


For tab		For wire		Colour	Cat. No.	Dimensions in mm			Pack qty	Tools
Width	Thick	ø mm ²	Nom.size			D	a	c		
2,8	0,5	0,5 - 1,5	A2,8 - 1	Red	FFYM1	3,5	18,8	6,4	100	4 - 5 - 12 - 13 - 14 - 21 - 22
2,8	0,8		B2,8 - 1		FFYN1	3,5	18,8	6,4		
4,8	0,5		A4,8 - 1		FFYJ1	3,5	18,8	6,0		
5,0	0,5		A5 - 1		FFYJ1F	3,5	18,8	6,4		
4,8	0,8		B4,8 - 1		FFYK1	3,5	18,8	6,0		
5,0	0,8		B5 - 1		FFYK1F	3,5	18,8	6,4		
6,35	0,8		6,3 - 1		FFYG1	3,5	20,5	7,8		
4,8	0,5		1,5 - 2,5		A4,8 - 2,5	Blue	FFYJ25	4,3		
5,0	0,5	A5 - 2,5		FFYJ25F	4,3		18,8	6,4		
4,8	0,8	B4,8 - 2,5		FFYK25	4,3		18,8	6,0		
5,0	0,8	B5 - 2,5		FFYK25F	4,3		18,8	6,4		
6,35	0,8	6,3 - 2,5		FFYG25	4,3		20,5	7,8		
8,0	0,8	8 - 2,5		FFYR25	4,3		23,2	9,0		
6,35	0,8	1,5 - 2,5	6,3 - 6	Yellow	FFYG6	6,2	24,6	7,8	50	4 - 5 - 12 - 13 - 14 - 21 - 22
9,5	1,1		9,5 - 6		FFYS6	6,2	29,2	12,0		

Solderless Terminals

FMY

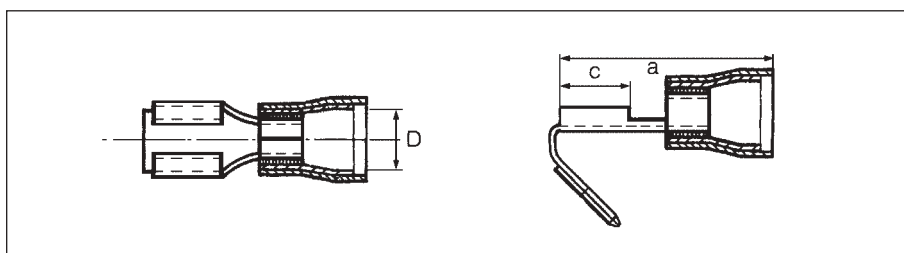
Material: Brass



For tab		Wire mm ²	Colour	Cat. No.	Dimensions			Pack qty	Tools
Width	Thickness				D	a (max)	c		
2,8	0,5	0,5 - 1,5	Red	FMYM1	3,5	22,0	6,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
2,8	0,8			FMYN1	3,5	22,0	6,0		
4,8	0,5			FMYJ1	3,5	22,0	8,0		
4,8	0,8			FMYK1	3,5	22,0	8,0		
6,35	0,8			FMYG1	3,5	22,0	8,0		
4,8	0,8	1,5 - 2,5	Blue	FMYK25	4,0	22,0	8,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8			FMYG25	4,0	22,0	8,0		
6,35	0,8	4 - 6	Yellow	FMYG6	5,5	26,0	8,0	50	4 - 5 - 12 - 13 - 14 - 21 - 22

FPY

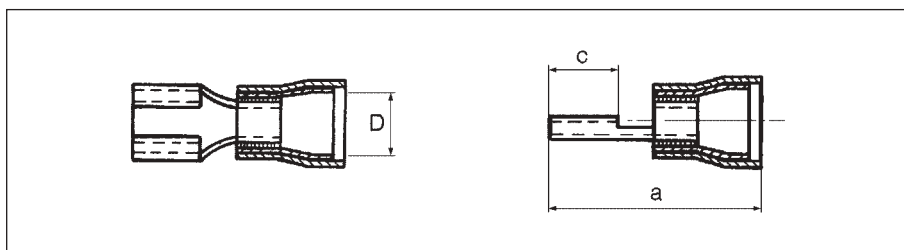
Material: Brass



For tab		For wire		Colour	Cat. No. loose pieces	Dimensions in mm			Pack qty	Tools
Width	Thick	ø mm ²	Nom.size			D	a (max)	c		
6,35	0,8	0,5 - 1,5	6,3 - 1	Red	FPYG1	3,5	23,0	7,8	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8	1,5 - 2,5	6,3 - 2,5	Blue	FPYG25	4,0	23,0	7,8	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8	4 - 6	6,3 - 6	Yellow	FPYG6	5,5	26,0	7,8	50	4 - 5 - 12 - 13 - 14 - 21 - 22

FFY-FB

Material: Phosphor bronze

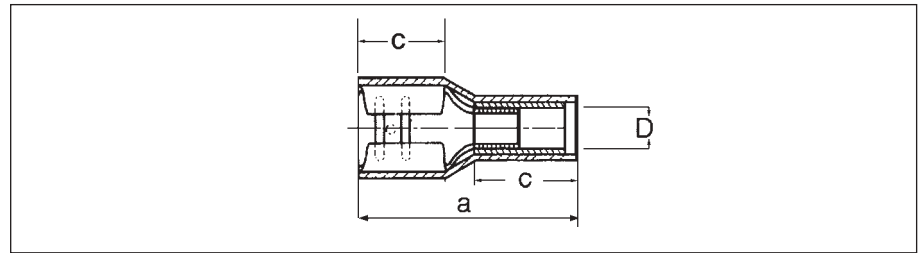



For tab		For wire		Colour	Cat. No. loose pieces	Dimensions in mm			Pack qty	Tools
Width	Thick	ø mm ²	Nom.size			D	a (max)	c		
6,35	0,8	0,5 - 1,5	6,3 - 1	Red	FFYG1FB	3,5	22,0	7,8	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8	1,5 - 2,5	6,3 - 2,5	Blue	FFYG25FB	4,0	22,0	7,8	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8	4 - 6	6,3 - 6	Yellow	FFYG6FB	5,5	26,0	7,8	50	4 - 5 - 12 - 13 - 14 - 21 - 22

* Other types available on request

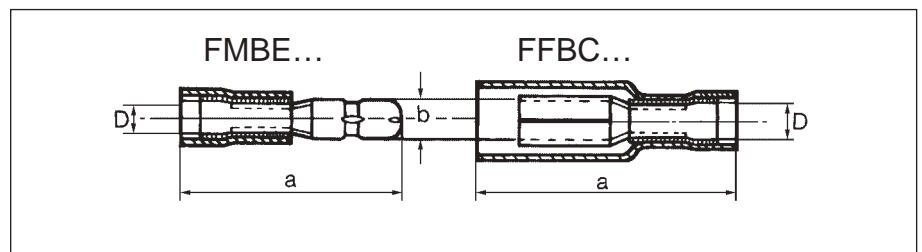
Solderless Terminals


FFC
Material: Brass
Fully insulated design



For tab		Wire mm ² 	Colour	Cat. No.	Dimensions			Pack qty	Tools
Width	Thickness				D	a (max)	c		
2,8	0,5	0,5 - 1,5	Red	FFCM1	3,5	21,0	6,4	100	4 - 5 - 12 - 13 - 14 - 21 - 22
2,8	0,8			FFCN1	3,5	21,0	6,4		
4,8	0,5			FFCJ1	3,5	21,0	6,4		
4,8	0,8			FFCK1	3,5	21,0	6,4		
6,35	0,8			FFC 1	3,5	23,0	7,8		
4,8	0,5	1,5 - 2,5	Blue	FFCJ25	4,0	21,0	6,4	100	4 - 5 - 12 - 13 - 14 - 21 - 22
4,8	0,8			FFCK25	4,0	21,0	6,4		
6,35	0,8			FFC 25	4,0	23,0	7,8		
6,35	0,8	4 - 6	Yellow	FFC 6	5,5	27,0	7,8	50	4 - 5 - 12 - 13 - 14 - 21 - 22

FMB
FFB
Bullet pins and sockets
Material: Brass



Wire mm ² 	Colour	Cat. No.	Dimensions			Pack qty	Tools
			D	a (max)	c		
0,5 - 1,5	Red	FMBE1	3,5	22,0	4,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
		FFBC1	3,5	25,0	4,0		
1,5 - 2,5	Blue	FMBE25	4,0	22,0	4,0	100	4 - 5 - 12 - 13 - 14 - 21 - 22
		FFBC25	4,0	25,0	4,0		
		FMBE255	4,0	22,0	5,0		
		FFBC255	4,0	26,0	5,0	50	
4 - 6	Yellow	FMBE6	5,5	25,0	5,0	50	4 - 5 - 12 - 13 - 14 - 21 - 22
		FFBC6	5,5	26,0	5,0		

Solderless Terminals

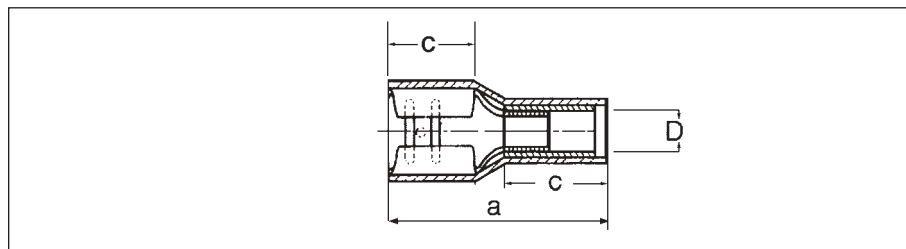
Fully insulated receptacle

Construction

- Brass, electro tinned
- Polyamide insulation.

Performance

- Heat resistant up to +105°C.



For tab		Wire mm ²	Colour	Cat. No.	Dimensions			Pack qty	Tools
Width	Thickness				D	a (max)	c		
6,35	0,8	0,5 - 1,5	Red	FFC1N	3,2	22	7,8	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8	1,5 - 2,5	Blue	FFC25N	3,4	22	7,8	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8	4 - 6	Yellow	FFC6N	5,4	25	7,8	50	4 - 5 - 12 - 13 - 14 - 21 - 22

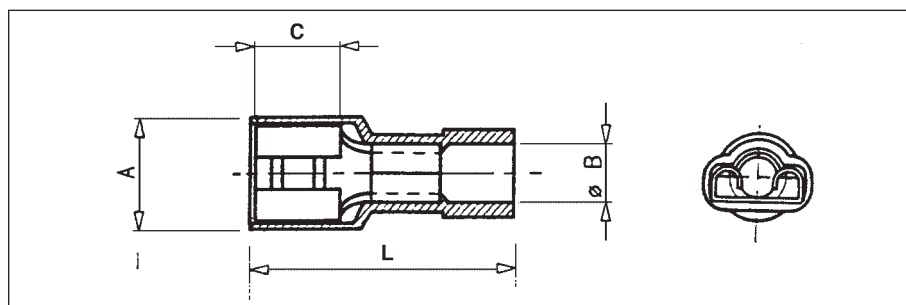
Fully insulated receptacle

Construction

- Brass, electro tinned
- Polyamide insulation.

Performance

- Heat resistant up to +105°C.



For tab		Wire mm ²	Colour	Cat. No.	Dimensions				Pack qty	Tools
Width	Thickness				øB	C	L	A		
6,35	0,8	0,5 - 1,5	Red	FFC1SN	4,4	7,8	22,5	9,4	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8	1,5 - 2,5	Blue	FFC25SN	4,4	7,8	22,5	9,4	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8	4 - 6	Yellow	FFC6SN	6,3	7,8	25,0	10,2	50	4 - 5 - 12 - 13 - 14 - 21 - 22

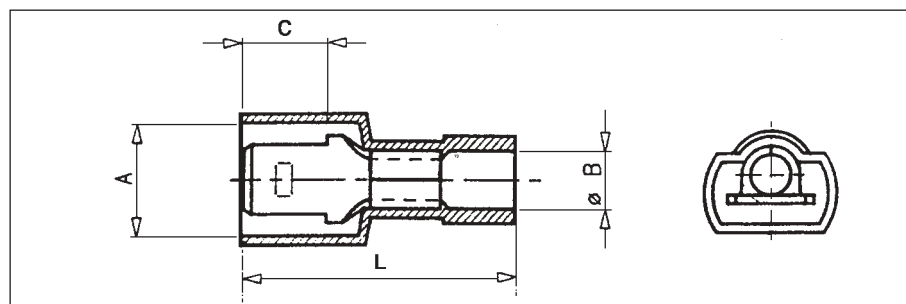
Fully insulated tab

Construction

- Brass, electro tinned
- Polyamide insulation.

Performance

- Heat resistant up to +105°C.



For tab		Wire mm ²	Colour	Cat. No.	Dimensions				Pack qty	Tools
Width	Thickness				øB	C	L	A		
6,35	0,8	0,5 - 1,5	Red	FMC1SN	4,4	8,0	23,4	9,8	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8	1,5 - 2,5	Blue	FMC25SN	4,4	8,0	23,4	9,8	100	4 - 5 - 12 - 13 - 14 - 21 - 22
6,35	0,8	4 - 6	Yellow	FMC6SN	6,3	8,0	25,6	10,6	50	4 - 5 - 12 - 13 - 14 - 21 - 22

Solderless Terminals

Polyamide insulated closed-end splices

Description

- Full range of closed-end splices. For end-termination of many wire combinations.

Construction

- Tin plated copper insert.
- Polyamide insulation.

Performance

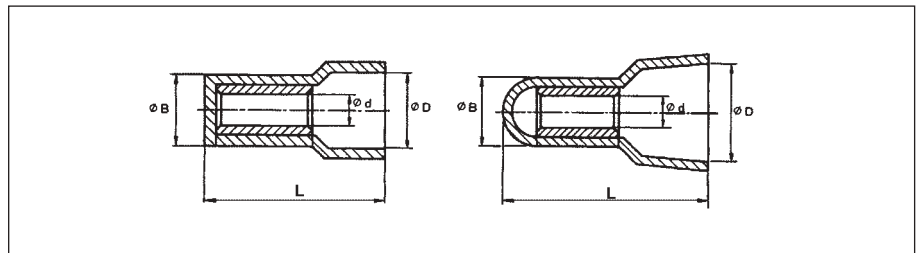
- Heat resistant up to +105°C.


Tooling

- The indicated numbers in the tooling table refer to pages 39 to 43.



YQE



Wire mm ² 	Cat. No. loose pieces	Fig. No.	Dimensions in mm			Pack qty	Tools
			$\varnothing d$	L	$\varnothing D$		
0,5 - 1,5	YQE050L	2	2,3	17,5	6,5	100	4 - 5 - 20
1 - 2,5	YQE91	2	2,3	19,0	7,7	100	4 - 5 - 20
2 - 5,5	YQE150	2	4,2	24,5	10,4	100	4 - 5 - 20
4 - 9	YQE400	1	4,6	22,2	12,0	100	4 - 5 - 20
1,5 - 3	YQE150L	2	2,7	17,0	8,4	100	4 - 5 - 20
2,5 - 6,5	YQE250L	2	3,8	27,0	9,5	50	4 - 5 - 20
4 - 9	YQE400L	2	4,6	27,5	12,0	50	20

Solderless Terminals

Insulated piercing tap-off connector

Description

- Piercing tap-off connectors accepting wires from 0,3 to 6 mm².
- One connector allowing tap-off, inline or pigtail connections.

Construction

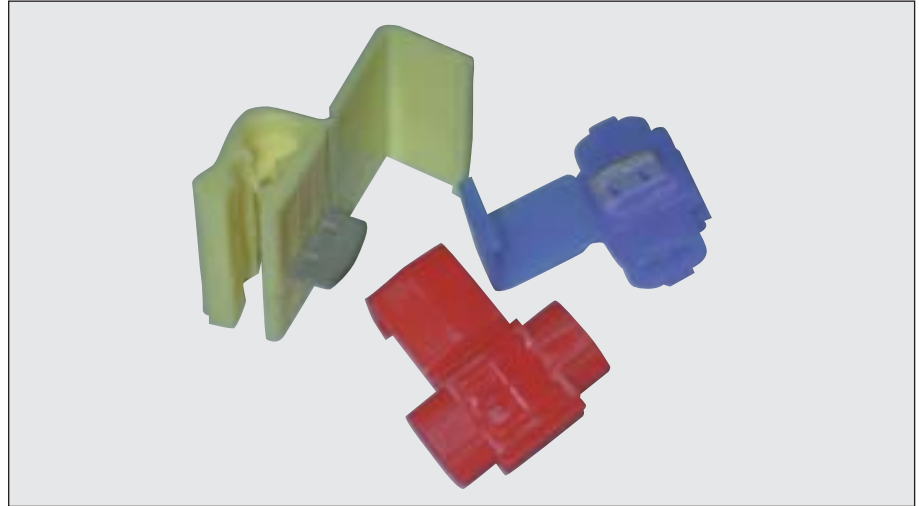
- Tin plated copper-alloy insert.
- Polypropylene insulation.

Performance

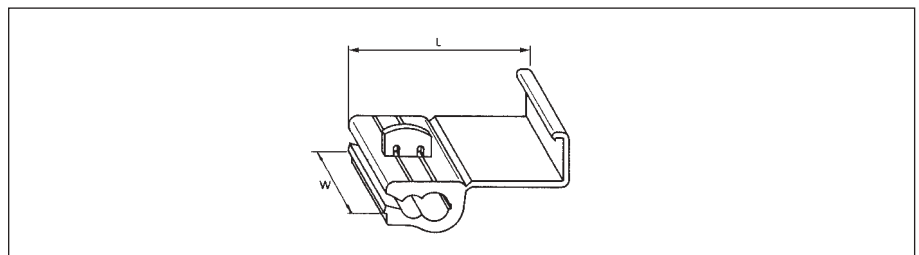
- Heat resistant up to +90°C.


Tooling

- Standard pincher tool.

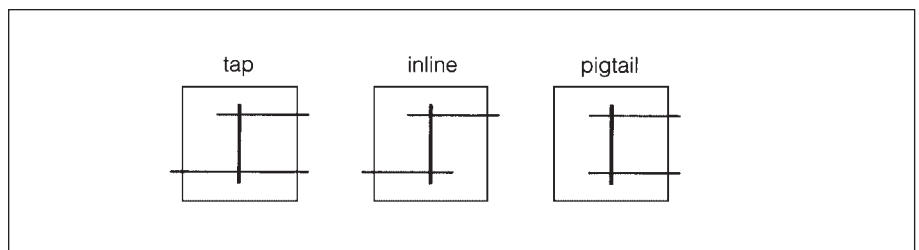


PRC



Wire mm ² 	Nominal size	Colour	Cat. No. loose pieces	Dimensions in mm		Pack qty
				L	W	
0,3 - 1,5	1	Red	PRC1	22,0	20,0	25
1,0 - 2,5	2,5	Blue	PRC25	24,0	20,0	25
4 - 6	6	Yellow	PRC6	32,0	21,0	10

PRC type of connection



Solderless Terminals

Non insulated end sleeves

Description

- Wire and cable-end protection up to 185 mm².

Construction

- Tin plated electrolytic copper.

Performance

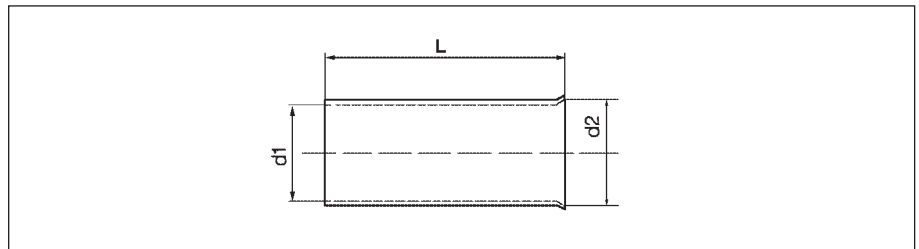
- Heat resistant up to +125°C.


Tooling

- The indicated numbers in the tooling table refer to pages 39 to 43.



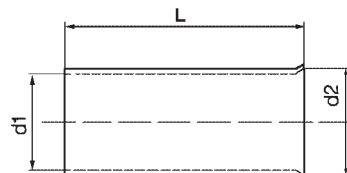
AE per DIN46228 part 1




Wire mm ² 	Cat. No. loose pieces	Dimensions in mm			Pack qty	Tools
		d1	d2	L		
0,08	AE000870	0,5	1,6	7,0	1000	6
0,14	AE0001470	0,7	1,6	7,0	1000	6 - 17
0,25	AE0002550	0,8	1,7	5,0	1000	6 - 8 - 17
	AE0002570	0,8	1,7	7,0		
0,34	AE0003450	0,9	1,8	5,0	1000	6 - 8 - 17
	AE0003470	0,9	1,8	7,0		
0,5	AE00560	1,0	2,1	6,0	1000	6 - 7 - 8 - 15 - 17
	AE00580	1,0	2,1	8,0		
	AE005100	1,0	2,1	10,0		
	AE005120	1,0	2,1	12,0		
0,75	AE007560	1,2	2,3	6,0	1000	7 - 8 - 15 - 17
	AE0075100	1,2	2,3	10,0		
	AE0075120	1,2	2,3	12,0		
1	AE0160	1,4	2,5	6,0	1000	7 - 8 - 15 - 17
	AE0180	1,4	2,5	8,0		
	AE01100	1,4	2,5	10,0		
	AE01120	1,4	2,5	12,0		
1,5	AE01570	1,7	2,8	7,0	1000	7 - 8 - 15 - 17
	AE01580	1,7	2,8	8,0		
	AE015100	1,7	2,8	10,0		
	AE015120	1,7	2,8	12,0		
	AE015180	1,7	2,8	18,0		
2,5	AE02570	2,2	3,4	7,0	1000	7 - 8 - 15 - 17
	AE02580	2,2	3,4	8,0		
	AE025100	2,2	3,4	10,0		
	AE025120	2,2	3,4	12,0		
	AE025180	2,2	3,4	18,0		
4	AE0490	2,8	4,0	9,0	1000	8 - 15 - 17
	AE04120	2,8	4,0	12,0		
	AE04150	2,8	4,0	15,0		
	AE04180	2,8	4,0	18,0		

Solderless Terminals

AE per DIN46228 part 1



Wire mm ² 	Cat. No. loose pieces	Dimensions in mm			Pack qty	Tools
		d1	d2	L		
6	AE06100	3,5	4,7	10,0	1000	8 - 15 - 16 - 17
	AE06120	3,5	4,7	12,0		
	AE06150	3,5	4,7	15,0		
	AE06180	3,5	4,7	18,0		
10	AE10120	4,5	5,8	12,0	1000	8 - 16
	AE10150	4,5	5,8	15,0		
	AE10180	4,5	5,8	18,0		
16	AE16120	5,8	7,5	12,0	1000	8 - 9 - 16
	AE16150	5,8	7,5	15,0		
	AE16180	5,8	7,5	18,0		
	AE16250	5,8	7,5	25,0		
25	AE25120	7,3	9,5	12,0	500	9 - 10
	AE25150	7,3	9,5	15,0		
	AE25180	7,3	9,5	18,0		
	AE25200	7,3	9,5	20,0		
	AE25250	7,3	9,5	25,0		
35	AE35150	8,3	11,0	15,0	500	9 - 10
	AE35180	8,3	11,0	18,0		
	AE35200	8,3	11,0	20,0		
	AE35250	8,3	11,0	25,0		
	AE35300	8,3	11,0	30,0		
	AE35320	8,3	11,0	32,0		
50	AE50180	10,3	13,0	18,0	250	9 - 10
	AE50220	10,3	13,0	22,0		
	AE50250	10,3	13,0	25,0		
	AE50320	10,3	13,0	32,0		
70	AE70220	12,5	15,0	22,0	250	10
	AE70250	12,5	15,0	25,0		
	AE70320	12,5	15,0	32,0		
95	AE95250	14,5	17,0	25,0	250	10
	AE95300	14,5	17,0	30,0		
	AE95320	14,5	17,0	32,0		
120	AE120320	16,5	19,0	32,0	100	10
	AE120340	16,5	19,0	34,0		
	AE120400	16,5	19,0	40,0		
150	AE150320	18,5	21,0	32,0	100	10
	AE150340	18,5	21,0	34,0		
	AE150400	18,5	21,0	40,0		
185	AE185320	20,0	23,0	32,0	100	10
	AE185400	20,0	23,0	40,0		

Solderless Terminals

Polyamide insulated end-sleeves

Description

- Wire and cable-end protection up to 150 mm².

Construction

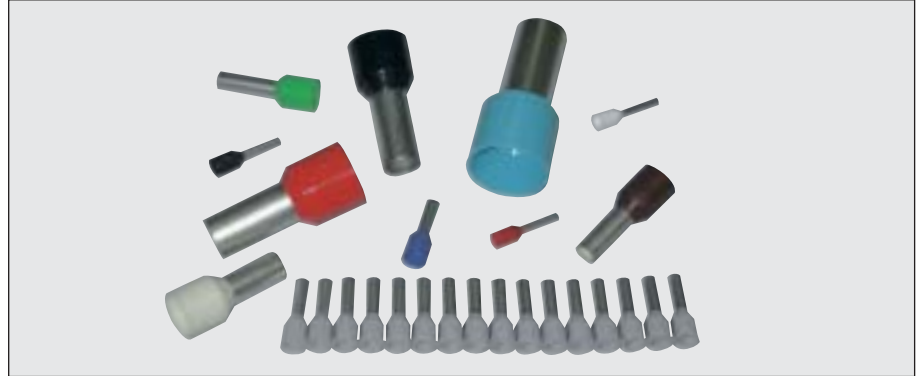
- Tin plated electrolytic copper.
- Polyamide insulation

Performance

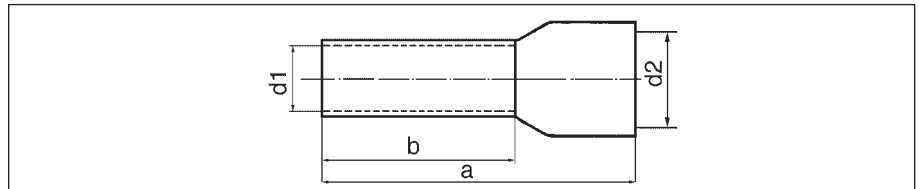
- Heat resistant up to +125°C.


Tooling

- The indicated numbers in the tooling table refer to pages 39 to 43.



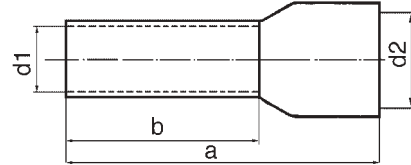
AJ with DIN colours Dimensions according to DIN46228 part 4




Wire mm ² 	Colour	Cat. No. loose pieces	Dimensions in mm				Pack qty	Tools
			a	b	d1	d2		
0,5	White	AJ00560D	12	6	1,0	2,6	500	6 - 7 - 8 - 15 - 17
		AJ00580D	14	8	1,0	2,6		
		AJ005100D	16	10	1,0	2,6		
0,75	Grey	AJ007560D	12	6	1,2	2,8	500	7 - 8 - 15 - 17
		AJ007580D	14	8	1,2	2,8		
		AJ0075100D	16	10	1,2	2,8		
1	Red	AJ0160D	12	6	1,4	3,0	500	7 - 8 - 15 - 17
		AJ0180D	14	8	1,4	3,0		
		AJ01100D	16	10	1,4	3,0		
1,5	Black	AJ01120D	18	12	1,4	3,0	500	7 - 8 - 15 - 17
		AJ01580D	14	8	1,7	3,5		
		AJ015100D	16	10	1,7	3,5		
2,5	Blue	AJ015120D	18	12	1,7	3,5	500	7 - 8 - 15 - 17
		AJ02580D	14	8	2,2	4,2		
		AJ025120D	18	12	2,2	4,2		
4	Grey	AJ025180D	24	18	2,2	4,2	500	7 - 8 - 15 - 17
		AJ04100D	17	10	2,8	4,8		
		AJ04120D	20	12	2,8	4,8		
6	Yellow	AJ04180D	24	18	2,8	4,8	100	8 - 15 - 17
		AJ06120D	20	12	3,5	6,3	100	
		AJ06180D	26	18	3,5	6,3		
10	Red	AJ10120D	22	12	4,5	7,6	100	8 - 16
		AJ10180D	28	18	4,5	7,6		
16	Blue	AJ16120D	24	12	5,8	8,8	100	8 - 9 - 16
		AJ16180D	28	18	5,8	8,8		
25	Yellow	AJ25160D	30	16	7,3	11,2	50	9 - 10
		AJ25180D	32	18	7,3	11,2		
		AJ25220D	36	22	7,3	11,2		
35	Red	AJ35160D	30	16	8,3	12,7	50	9 - 10
		AJ35180D	32	18	8,3	12,7		
		AJ35250D	39	25	8,3	12,7		
50	Blue	AJ50200D	36	20	10,3	15,0	50	9 - 10
		AJ50250D	40	25	10,3	15,0	25	

Solderless Terminals

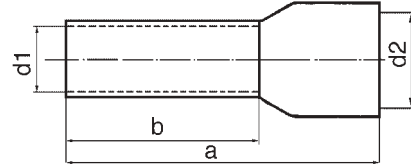
AJ with TM colours
Dimensions according to
DIN46228 part 4




Wire mm ² 	Colour	Cat. No. loose pieces	Dimensions in mm				Pack qty	Tools
			a	b	d1	d2		
0,14	Brown	AJ001460T	10,4	6	0,7	1,1	500	6 - 17
		AJ001480T	12,4	8	0,7	1,1		
0,25	Violet	AJ002560T	10,4	6	0,8	1,8	500	6 - 8 - 17
		AJ002580T	12,4	8	0,8	1,8		
0,34	Pink	AJ003460T	10,4	6	0,9	2,0	500	6 - 8 - 17
		AJ003480T	12,4	8	0,9	2,0		
0,5	White	AJ00560T	12	6	1,0	2,6	500	6 - 7 - 8 - 15 - 17
		AJ00580T	14	8	1,0	2,6		
		AJ005100T	16	10	1,0	2,6		
0,75	Blue	AJ007560T	12	6	1,2	2,8	500	7 - 8 - 15 - 17
		AJ007580T	14	8	1,2	2,8		
		AJ0075100T	16	10	1,2	2,8		
		AJ0075120T	18	12	1,2	2,8		
1	Red	AJ0160T	12	6	1,4	3,0	500	7 - 8 - 15 - 17
		AJ0180T	14	8	1,4	3,0		
		AJ01100T	16	10	1,4	3,0		
		AJ01120T	18	12	1,4	3,0		
1,5	Black	AJ01580T	14	8	1,7	3,5	500	7 - 8 - 15 - 17
		AJ015100T	16	10	1,7	3,5		
		AJ015120T	18	12	1,7	3,5		
		AJ015180T	24	18	1,7	3,5		
2,5	Grey	AJ02580T	14	8	2,2	4,2	500	7 - 8 - 15 - 17
		AJ025120T	18	12	2,2	4,2		
		AJ025180T	24	18	2,2	4,2		
4	Orange	AJ04100T	17	10	2,8	4,8	500	8 - 15 - 17
		AJ04120T	20	12	2,8	4,8		
		AJ04180T	24	18	2,8	4,8	100	
6	Green	AJ06120T	20	12	3,5	6,3	100	8 - 15 - 16 - 17
		AJ06180T	26	18	3,5	6,3		
10	Brown	AJ10120T	22	12	4,5	7,6	100	8 - 16
		AJ10180T	28	18	4,5	7,6		
16	White	AJ16120T	24	12	5,8	8,8	100	8 - 9 - 16
		AJ16180T	28	18	5,8	8,8		
25	Black	AJ25160T	30	16	7,3	11,2	50	9 - 10
		AJ25180T	32	18	7,3	11,2		
		AJ25220T	36	22	7,3	11,2		
35	Red	AJ35160T	30	16	8,3	12,7	50	9 - 10
		AJ35180T	32	18	8,3	12,7		
		AJ35250T	39	25	8,3	12,7		
50	Blue	AJ50200T	36	20	10,3	15,0	50	9 - 10
		AJ50250T	40	25	10,3	15,0	25	
70	Yellow	AJ70210T	37	21	13,5	16,0	25	10
95	Red	AJ95250T	44	25	14,7	18,0	25	10
120	Blue	AJ120270T	48	27	16,7	20,0	25	10
150	Yellow	AJ150320T	58	32	19,0	23,0	25	10

Solderless Terminals

AJ with W colours
Dimensions according to
DIN46228 part 4

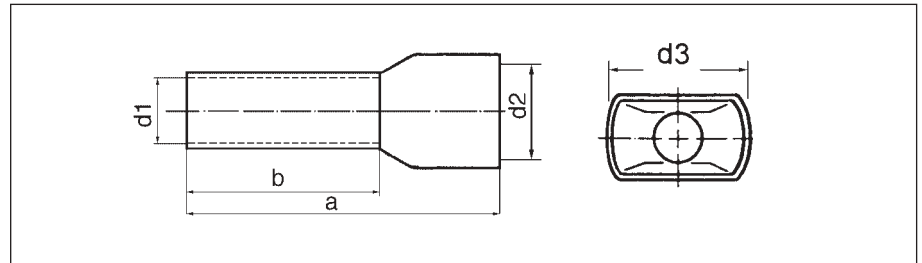



Wire mm ² 	Colour	Cat. No. loose pieces	Dimensions in mm				Pack qty	Tools
			a	b	d1	d2		
0,14	Grey	AJ001460	10,4	6	0,7	1,1	500	6 - 17
		AJ001480	12,4	8	0,7	1,1		
0,25	Light Blue	AJ002560	10,4	6	0,8	1,8	500	6 - 8 - 17
		AJ002580	12,4	8	0,8	1,8		
0,34	Turquoise	AJ003460	10,4	6	0,9	2,0	500	6 - 8 - 17
		AJ003480	12,4	8	0,9	2,0		
0,5	Orange	AJ00560	12	6	1,0	2,6	500	6 - 7 - 8 - 15 - 17
		AJ00580	14	8	1,0	2,6		
		AJ005100	16	10	1,0	2,6		
0,75	White	AJ007560	12	6	1,2	2,8	500	7 - 8 - 15 - 17
		AJ007580	14	8	1,2	2,8		
		AJ0075100	16	10	1,2	2,8		
		AJ0075120	18	12	1,2	2,8		
1	Yellow	AJ0160	12	6	1,4	3,0	500	7 - 8 - 15 - 17
		AJ0180	14	8	1,4	3,0		
		AJ01100	16	10	1,4	3,0		
		AJ01120	18	12	1,4	3,0		
1,5	Red	AJ01580	14	8	1,7	3,5	500	7 - 8 - 15 - 17
		AJ015100	16	10	1,7	3,5		
		AJ015120	18	12	1,7	3,5		
		AJ015180	24	18	1,7	3,5		
2,5	Blue	AJ02580	14	8	2,2	4,2	500	7 - 8 - 15 - 17
		AJ025120	18	12	2,2	4,2		
		AJ025180	24	18	2,2	4,2		
4	Grey	AJ04100	17	10	2,8	4,8	500	8 - 15 - 17
		AJ04120	20	12	2,8	4,8		
		AJ04180	24	18	2,8	4,8	100	
6	Black	AJ06120	20	12	3,5	6,3	100	8 - 15 - 16 - 17
		AJ06180	26	18	3,5	6,3		
10	Ivory	AJ10120	22	12	4,5	7,6	100	8 - 16
		AJ10180	28	18	4,5	7,6		
16	Green	AJ16120	24	12	5,8	8,8	100	8 - 9 - 16
		AJ16180	28	18	5,8	8,8		
25	Brown	AJ25160	30	16	7,3	11,2	50	9 - 10
		AJ25180	32	18	7,3	11,2		
		AJ25220	36	22	7,3	11,2		
35	Beige	AJ35160	30	16	8,3	12,7	50	9 - 10
		AJ35180	32	18	8,3	12,7		
		AJ35250	39	25	8,3	12,7		
50	Olive	AJ50200	36	20	10,3	15,0	50	9 - 10
		AJ50250	40	25	10,3	15,0	25	

Solderless Terminals

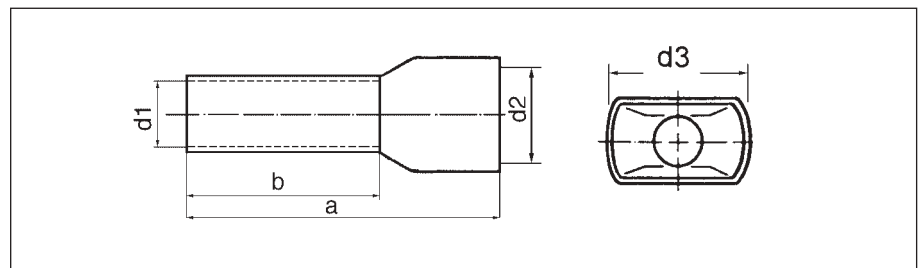
Twin end-sleeves suitable for 2 conductors


AJ with DIN colours



Wire mm ² 2X 	Colour	Cat. No. loose pieces	Dimensions in mm				Pack qty	Tools
			a	b	d1	d2xd3		
0,5	White	AJ00580DD	15	8	1,5	2,5X4,7	500	6 - 7 - 8 - 15 - 17
0,75	Grey	AJ007580DD	15	8	1,8	2,8X5,0	500	7 - 8 - 15 - 17
		AJ0075100DD	17	10	1,8	2,8X5,0		
1	Red	AJ0180DD	15	8	2,0	3,4X5,4	500	7 - 8 - 15 - 17
		AJ01100DD	17	10	2,0	3,4X5,4		
1,5	Black	AJ01580DD	16	8	2,3	3,6X6,6	500	7 - 8 - 15 - 17
		AJ015120DD	20	12	2,3	3,6X6,6	250	
2,5	Blue	AJ025100DD	18,5	10	2,9	4,2X7,8	250	7 - 8 - 15 - 17
		AJ025130DD	21,5	13	2,9	4,2X7,8		
4	Grey	AJ04120DD	23	12	3,8	4,9X8,8	100	8 - 15 - 17
6	Yellow	AJ06140DD	25	14	4,9	5,9X10,0	100	8 - 15 - 16 - 17
10	Red	AJ10140DD	26	14	6,5	7,2X13,0	100	8 - 16
16	Blue	AJ16140DD	30	14	8,3	9,6X18,4	50	8 - 9 - 16

AJ with TM colours

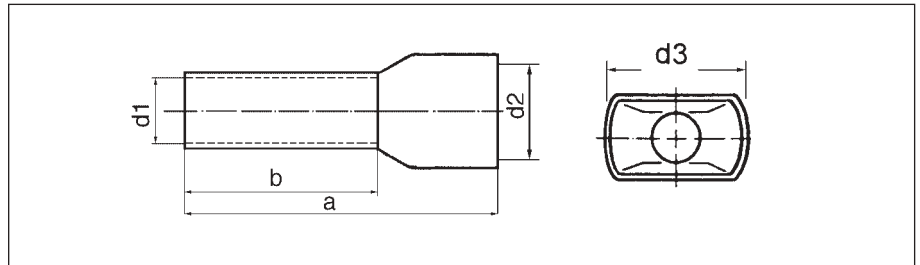



Wire mm ² 2X 	Colour	Cat. No. loose pieces	Dimensions in mm				Pack qty	Tools
			a	b	d1	d2xd3		
0,5	White	AJ00580TT	15	8	1,5	2,5X4,7	500	6 - 7 - 8 - 15 - 17
0,75	Blue	AJ007580TT	15	8	1,8	2,8X5,0	500	7 - 8 - 15 - 17
		AJ0075100TT	17	10	1,8	2,8X5,0		
1	Red	AJ0180TT	15	8	2,0	3,4X5,4	500	7 - 8 - 15 - 17
		AJ01100TT	17	10	2,0	3,4X5,4		
1,5	Black	AJ01580TT	16	8	2,3	3,6X6,6	500	7 - 8 - 15 - 17
		AJ015120TT	20	12	2,3	3,6X6,6	250	
2,5	Grey	AJ025100TT	18,5	10	2,9	4,2X7,8	250	7 - 8 - 15 - 17
		AJ025130TT	21,5	13	2,9	4,2X7,8		
4	Orange	AJ04120TT	23	12	3,8	4,9X8,8	100	8 - 15 - 17
6	Green	AJ06140TT	25	14	4,9	5,9X10,0	100	8 - 15 - 16 - 17
10	Brown	AJ10140TT	26	14	6,5	7,2X13,0	100	8 - 16
16	White	AJ16140TT	30	14	8,3	9,6X18,4	50	8 - 9 - 16

Solderless Terminals

Twin end-sleeves suitable for 2 conductors

AJ with W colours

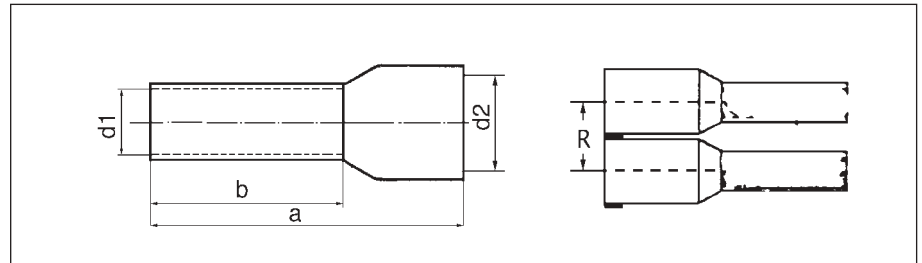



Wire mm ² 2X 	Colour	Cat. No. loose pieces	Dimensions in mm				Pack qty	Tools
			a	b	d1	d2xd3		
0,5	Orange	AJ00580WW	15	8	1,5	2,5X4,7	500	6 - 7 - 8 - 15 - 17
0,75	White	AJ007580WW	15	8	1,8	2,8X5,0	500	7 - 8 - 15 - 17
		AJ0075100WW	17	10	1,8	2,8X5,0		
1	Yellow	AJ0180WW	15	8	2,0	3,4X5,4	500	7 - 8 - 15 - 17
		AJ01100WW	17	10	2,0	3,4X5,4		
1,5	Red	AJ01580WW	16	8	2,3	3,6X6,6	500	7 - 8 - 15 - 17
		AJ015120WW	20	12	2,3	3,6X6,6	250	
2,5	Blue	AJ025100WW	18,5	10	2,9	4,2X7,8	250	7 - 8 - 15 - 17
		AJ025130WW	21,5	13	2,9	4,2X7,8		
4	Grey	AJ04120WW	23	12	3,8	4,9X8,8	100	8 - 15 - 17
6	Black	AJ06140WW	25	14	4,9	5,9X10,0	100	8 - 15 - 16 - 17
10	Ivory	AJ10140WW	26	14	6,5	7,2X13,0	100	8 - 16
16	Green	AJ16140WW	30	14	8,3	9,6X18,4	50	8 - 9 - 16




Solderless Terminals

End-sleeves on Tape

AJ with DIN-TM and W colours
Dimensions according to
DIN46228 part 4



Wire mm ² 	Dimensions in mm					Qty Strip	Pack qty	Tools
	a	b	d1	d2	R			
0,5	14	8	1,0	2,8	3,5	50	500	18
0,75	14	8	1,2	2,8	3,6	50	500	
1	14	8	1,4	3,30	4,0	50	500	
1,5	14	8	1,7	3,30	4,0	50	500	
2,5	14	8	2,2	4,2	4,9	50	500	

Wire mm ² 	Colour DIN	Cat. No.	Wire mm ² 	Colour TM	Cat. No.	Wire mm ² 	Colour W	Cat. No.
0,5	White	AJ00580DS	0,5	White	AJ00580TS	0,5	Orange	AJ00580S
0,75	Grey	AJ007580DS	0,75	Blue	AJ007580TS	0,75	White	AJ007580S
1	Red	AJ0180DS	1	Red	AJ0180TS	1	Yellow	AJ0180S
1,5	Black	AJ01580DS	1,5	Black	AJ01580TS	1,5	Red	AJ01580S
2,5	Blue	AJ02580DS	2,5	Grey	AJ02580TS	2,5	Blue	AJ02580S

Solderless Terminals

Cable ties: Unirap®

Description

- Unirap selflocking cable ties guarantee permanent harness tying either by hand or with special tooling for pre-selected strap tightness.

Construction

- Polyamide 6/6 — self-extinguishing UL94V-2.
- Colour: White or Black (BK).

Performance

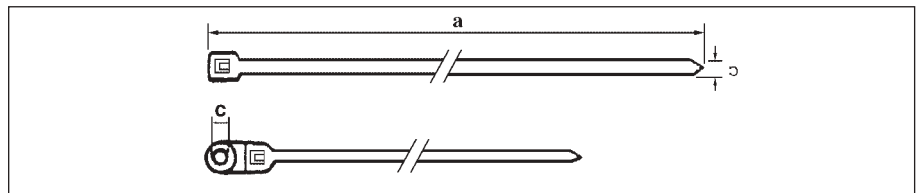
- Service temperature: -55°C to +100°C.

Tooling

- The indicated numbers in the tooling table refer to page 38.



TF TF-H



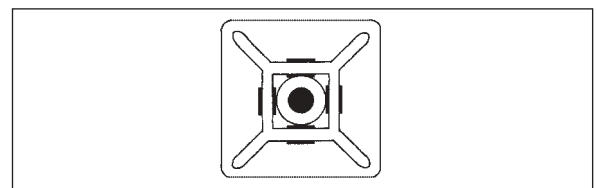
Cable Bounded Diam.		Cat. No.	Min. Tensile Strength N	Dimensions			Pack qty	Tools
Min	Max			a	b	c		
2	25	TF3D	80	100	2,5	-	100	2
2	55	TF3200D	80	200	2,5	-		
2	35	TF3HD	80	150	2,5	M3		
2	35	TF4D	180	140	3,6	-	100	2 - 3
2	55	TF4200D	180	200	3,6	-		
2	80	TF4300D	180	300	3,6	-		
3	50	TF5D	220	180	4,8	-	100	2 - 3
3	55	TF5200D	220	200	4,8	-		
3	45	TF5HD	220	200	4,8	M5		
3	82	TF6D	220	290	4,8	-		
3	100	TF8D	220	360	4,8	-	100	3
5	102	TF7D	550	365	7,8	-		
5	50	TF7180D	550	180	7,8	-		
5	158	TF7540D	550	540	7,8	-		
5	200	TF7750D	550	750	7,8	-		
5	105	TF7HD	550	380	7,8	M6	100	3
10	233	TF9D	800	780	9,0	-		
15	310	TF121000D	1140	1000	12,6	-	100	3

Also available in black UV resistant. When ordering, add "BK" to the catalogue number, Ex.: TF3BKD
Packing qty: 100 pcs-plastic bag. Bulk packing: on request.

Self adhesive mounts

- For rapid fixing of wiribg to smooth, dry surfaces, incorporating 4-way holders for maximum flexibility.
- Colour: white

Cat. No.	Base width (mm)	Base length (mm)	Height (mm)	Max. Tie width (mm)
TFB4D	19	19	5,0	3,6
TFB5D	28	28	6,5	4,8



Solderless Terminals

Cable clips: Nyloclip

Description

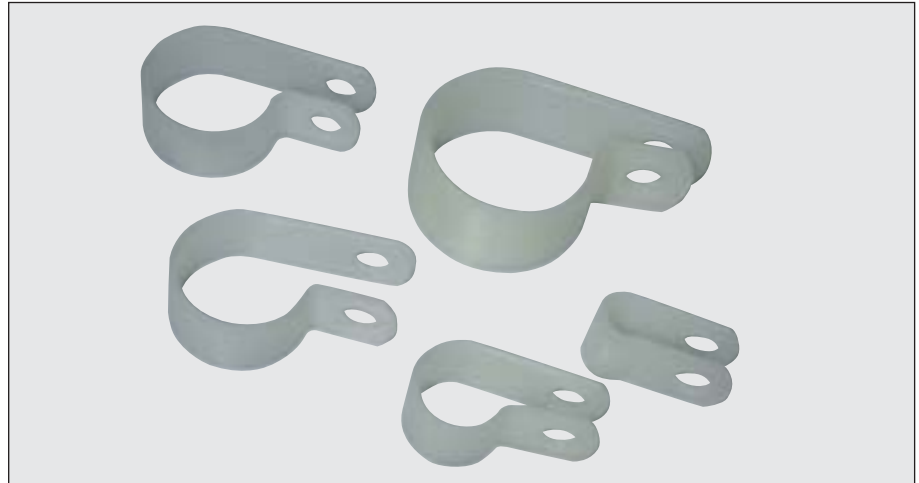
- Nylon clip to fix one or more cables.
- Clip fastened by means of a screw.

Construction

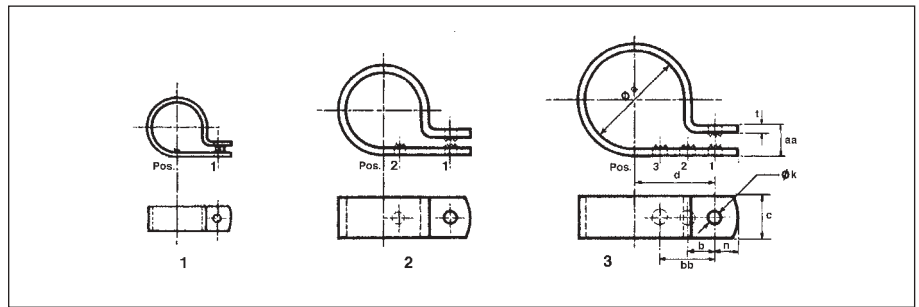
- Material: Polyamide 6/6
- Colour: White.

Performance

- Meets MIL spec M-20693, ASTM STD D4066 Group 1 Class 1.
- Service temperature -55°C to +100°C.



HP-N



ø a before clamping	ø a after clamping			Cat. No.	Fig. No.	Dimensions in mm								Pack qty
	Pos. 1	Pos. 2	Pos. 3			aa	b	bb	c	d	k	n	t	
3,3	2,5			HP2N	1	3,2			9,7	9,4	4,3	4,8	1,1	100
5,3	4,6			HP3N	1	4,8			9,7	10,2	4,3	4,8	1,1	
6,8	5,6			HP4N	1	4,8			9,7	10,9	4,3	4,8	1,1	
8,4	7,4			HP5N	1	4,8			9,7	11,7	4,3	4,8	1,1	
10,6	8,4			HP6N	1	6,3			9,7	12,7	4,3	4,8	1,1	
12,2	10,7			HP7N	1	6,3			9,7	13,2	4,3	4,8	1,1	
13,2	11,9			HP8N	1	6,3			9,7	13,7	4,3	4,8	1,1	
15,2	13,5			HP9N	1	6,3			9,7	14,5	4,3	4,8	1,1	
16,0	15,7			HP10N	1	6,3			9,7	15,5	4,3	4,8	1,1	
19,0	16,8			HP11N	1	7,9			12,7	16,5	5,1	6,4	1,8	
19,8	17,8			HP12N	1	7,9			12,7	17,5	5,1	6,4	1,8	
22,1	20,8			HP13N	1	7,9			12,7	18,3	5,1	6,4	1,8	
22,9	21,3	18,5		HP14N	2	7,9	7,9		12,7	19,3	5,1	6,4	1,8	
26,9	24,4	22,3		HP16N	2	7,9	7,9		12,7	20,8	5,1	6,4	1,8	
29,2	26,7	24,1		HP18N	2	7,9	7,9		12,7	21,8	5,1	6,4	1,8	
39,4	37,3	35,0	31,2	HP24N	3	9,5	7,9	15,9	12,7	24,1	5,1	6,4	1,8	25
52,1	48,8	46,2	43,7	HP32N	3	9,5	9,7	20,6	12,7	31,8	5,1	6,4	1,8	

Tooling

Special Tools

WIRE STRIPPING TOOL

- ① Cat No.: STRAT10
• For wires from 0,02 to 6 mm².



CABLE TIE STRAPPING TOOL

- ② Cat No.: TY509
• For cable tie width 2,5 to 4,8 mm.



CABLE TIE STRAPPING TOOL

- ③ Cat No.: TY130
• For cable tie width 3,6 to 12,6 mm.



Tooling

Crimp Tooling

SIMPLE HANDTOOLS

4 Cat No.: Y10MP

- For insulated terminals and splices.
- Wire size 1 - 0,5 - 6 mm².

5 Cat No.: Y10ME5

- For insulated terminals and splices.
- Wire size 1 - 0,5 - 6 mm².
- Heavy duty version.

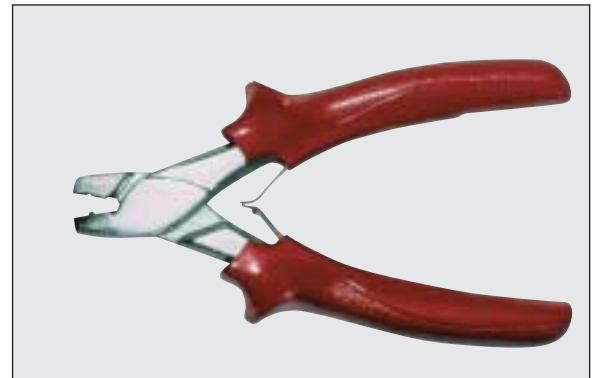


6 Cat No.: Y05M1AE

- For insulated and non insulated cord end sleeves.
- Wire size 0,08 to 0,5 mm².

7 Cat No.: Y2M6AE

- For insulated and non insulated cord end sleeves.
- Wire size 0,5 to 2,5 mm².

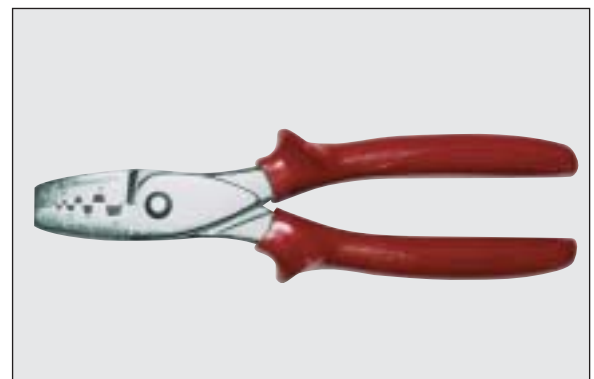


8 Cat No.: Y16M8AE

- For insulated and non insulated cord end sleeves.
- Wire size 0,25 to 16 mm².

9 Cat No.: Y50M4AEHD

- For insulated and non insulated cord end sleeves.
- Wire size 16 to 50 mm².



10 Cat No.: MHAE185

- For insulated and non insulated cord end sleeves, with interchangeable dies.
- Wire size 25 to 185 mm².

• Dies:

25 mm ²	MHAE025T
35 mm ²	MHAE035T
50 mm ²	MHAE050T
70 mm ²	MHAE070T
95 mm ²	MHAE095T
120 mm ²	MHAE120T
150 mm ²	MHAE150T
185 mm ²	MHAE185T

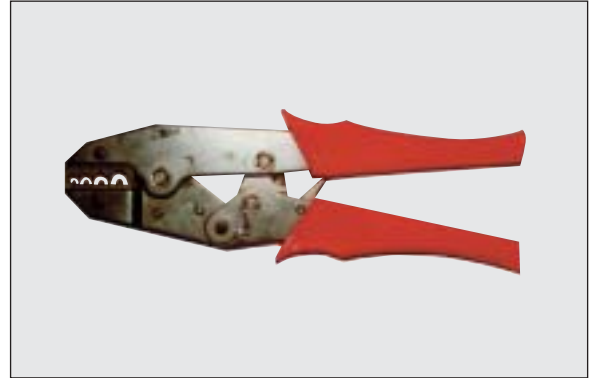


Tooling

Hand Tools with Ratchet control

11 Cat No.: Y10R4BY9

- For non insulated terminals and splices.
- Wire size 1 - 2,5 - 6 mm².



12 Cat No.: Y6R3BA1

- For insulated terminals and splices.
- Wire size 1 - 2,5 - 6 mm².

13 Cat No.: Y6R3BA9

- For insulated terminals and splices.
- Wire size 1 - 2,5 - 6 mm².



14 Cat No.: Y10MY3

- For insulated terminals and splices.
- Wire size 1 - 2,5 - 6 mm².
- With cable stripper.



15 Cat No.: Y6R5AE9

- For insulated and non insulated cord end sleeves.
- Wire size 0,5 to 6 mm².

16 Cat No.: Y16R3AE9

- For insulated and non insulated cord end sleeves.
- Wire size 6 to 16 mm².



17 Cat No.: Y6R1VAELF

- For insulated and non insulated cord end sleeves.
- Wire size 0,14 to 6 mm².



18 Cat No.: STRY025R1AE

- For insulated cord end sleeves on tape.
- Wire size 0,5 to 2,5 mm².
- With cable stripper and cutter.



MR8 - type handtools

Description

- High strength aluminium-alloy body.
- Long life expectancy with fully protected ratchet mechanism.
- Weight 650 gr.

19 MR8 9Q

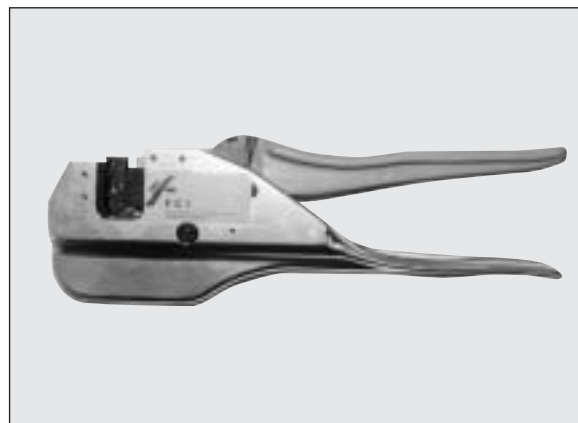
- For non insulated terminals and splices.
- Wire size 1 - 2,5 - 6 - 10 mm².

20 MR8 GE3

- For polyamide insulated terminals and splices type YAE, YSE.
- Wire size 1 - 2,5 - 6 mm².

21 MR8 89GE3

- For insulated terminals, splices receptacles and tabs.
- Wire size 1 - 2,5 - 6 mm².



Tooling

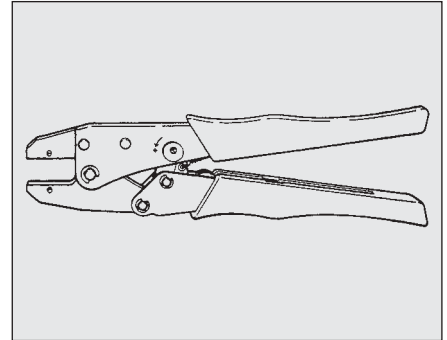
22 Universal compression system with replaceable die-sets

Y16R FRAME

- Ratchet controlled handtool. Weight: 500 gr.

Y16R BOX

- Plastic case for handtool and 12 dies.



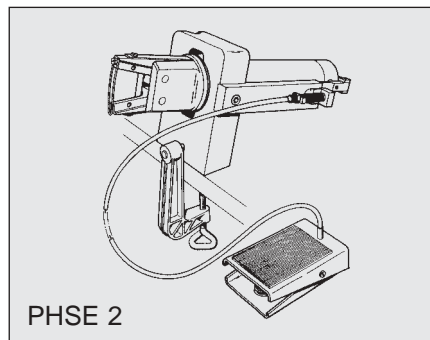
Pneumatic tool

PHSE2

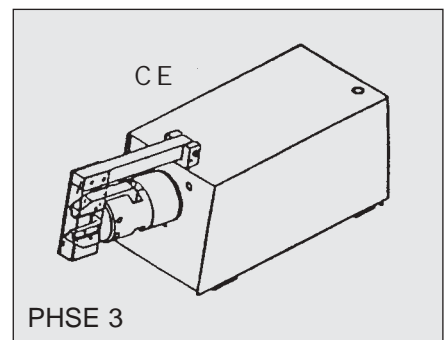
- Pneumatic tool with air cylinder.
- 4 bar min.
- Controlled compression

PHSE3

- Mounting stand with footpedal.
- CE Marked



PHSE 2



PHSE 3

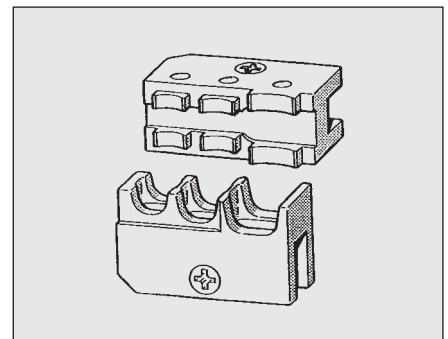
Die sets for non insulated terminals and splices

Y16R3G06YAV

- Wire size 1 - 2,5 - 6 mm².

Y16R4H06YAV

- Wire size 1 - 2,5 - 4 - 6 mm².
- Hexagonal compression.



Die sets for insulated terminals and splices

Y16R3G06BA

- Wire size 1 - 2,5 - 6 mm².

Y16R3G025BA

- Wire size 0,5 - 1 - 2,5 mm².

Die sets for insulated and non insulated cord end sleeves

Y16R4G06AE

- Wire size 0,25 - 0,5 - 0,75 - 1 - 1,5 - 2,5 - 4 - 6 mm².

Y16R3G16AE

- Wire size 6 - 10 - 16 mm².

Y16R2G35AE

- Wire size 25 - 35 mm².

Y16R2G50AE

- Wire size 25 - 50 mm².

Tooling

Semi automatic TFM machine

TFM - Tape Fed Machine for automatic installation of tape mounted terminals

The Burndy TFM machine installs insulated and uninsulated terminals without time-consuming die changes. A rotating turret die holder consist of three die sets. With the new TFM, your operators can crimp from 1.500 to 2.500 terminals per hour. And, this Burndy machine is safer, quieter and more portable than any other on the market.

No dies to change

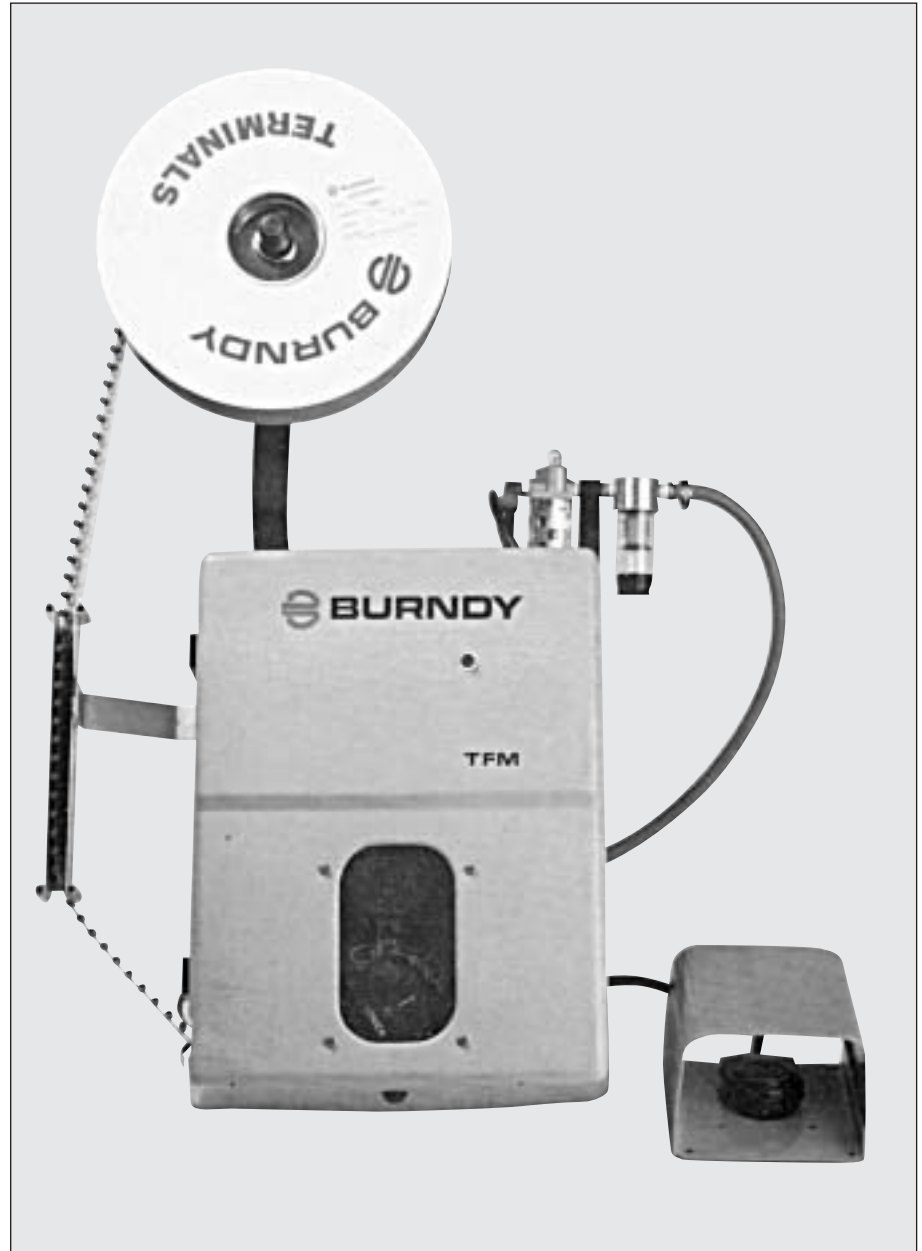
Burndy has made a breakthrough in die changing - the TFM is the first and only turret die holder to crimp terminals automatically. No long complicated set-ups or paying for duplicate machines: once the dies are secured to the die holder there is never a need to remove them. No adjustments. No calibrations. Just a simple twist of the wrist. An operator can change reels, terminals and dies in 30 seconds flat.

Versatility enough to meet any terminal requirements

The TFM turret die holder can be filled with these different die sets for any terminal requirements. You can crimp bare or insulated terminals (wire size 0,5 - 1 - 2,5 - 6 mm²) in any tongue configurations, as well as receptacles.

Positive wire stop

To eliminate over-insertion of the wire into the barrel, a positive wire stop is used. This is an important benefit because of the introduction of new thin wall insulation.



NOTE: For terminals on mylar tape, consult FCI.



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